

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010617\
 Data File : BF092115.D
 Acq On : 6 Jan 2017 14:24
 Operator : UM/SJ
 Sample : PB95798BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95798BS

Manual Integrations
 APPROVED

Sohil
 1/9/2017 10:47:36 AM

Quant Time: Jan 06 16:25:26 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 15:43:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	176483	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	730138	20.00	ng	0.00
38) Acenaphthene-d10	9.68	164	400775	20.00	ng	0.00
63) Phenanthrene-d10	11.16	188	632311	20.00	ng	0.00
75) Chrysene-d12	13.78	240	444239	20.00	ng	0.00
86) Perylene-d12	15.15	264	371610	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	798470	75.54	ng	0.01
7) Phenol-d6	6.31	99	1242876	96.31	ng	0.00
23) Nitrobenzene-d5	7.21	82	1026784	78.20	ng	0.00
41) 2,4,6-Tribromophenol	10.47	330	248559	74.94	ng	0.00
44) 2-Fluorobiphenyl	9.01	172	1694075	86.90	ng	0.00
78) Terphenyl-d14	12.74	244	1759532	96.06	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.18	88	230025	44.21	ng	96
3) Pyridine	2.82	79	634665	34.95	ng	96
4) n-Nitrosodimethylamine	2.79	42	287420	41.96	ng	97
6) Aniline	6.30	93	334534	19.96	ng	# 60
8) 2-Chlorophenol	6.44	128	581998	48.41	ng	85
9) Benzaldehyde	6.18	77	51274	5.15	ng	98
10) Phenol	6.32	94	784596	53.36	ng	# 65
11) bis(2-Chloroethyl)ether	6.38	93	549689	46.98	ng	96
12) 1,3-Dichlorobenzene	6.58	146	533208	41.54	ng	99
13) 1,4-Dichlorobenzene	6.65	146	516955	39.57	ng	99
14) 1,2-Dichlorobenzene	6.81	146	498430	43.97	ng	99
15) Benzyl Alcohol	6.80	79	427532	42.64	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.94	45	722006	41.44	ng	87
17) 2-Methylphenol	6.93	107	421240	43.56	ng	94
18) Hexachloroethane	7.16	117	200536	41.41	ng	95
19) n-Nitroso-di-n-propylamine	7.08	70	385437	44.90	ng	# 88
20) 3+4-Methylphenols	7.09	107	571865	49.59	ng	# 73
22) Acetophenone	7.06	105	749266	41.60	ng	# 89
24) Nitrobenzene	7.24	77	592794	42.39	ng	# 89
25) Isophorone	7.48	82	1025727	42.34	ng	97
26) 2-Nitrophenol	7.56	139	279500	40.53	ng	# 79
27) 2,4-Dimethylphenol	7.61	122	453771	39.67	ng	92
28) bis(2-Chloroethoxy)methane	7.69	93	634619	43.20	ng	100
29) 2,4-Dichlorophenol	7.81	162	406588	41.98	ng	99
30) 1,2,4-Trichlorobenzene	7.88	180	445055	41.93	ng	97
31) Naphthalene	7.96	128	1445938	43.27	ng	98
32) Benzoic acid	7.75	122	347230	40.93	ng	98
33) 4-Chloroaniline	8.01	127	115894	7.69	ng	# 93
34) Hexachlorobutadiene	8.07	225	229507	40.96	ng	98
35) Caprolactam	8.39	113	146315m	45.97	ng	
36) 4-Chloro-3-methylphenol	8.52	107	493091	44.24	ng	96
37) 2-Methylnaphthalene	8.64	142	937078	47.04	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.81	216	422384	41.71	ng	99
40) Hexachlorocyclopentadiene	8.80	237	387885	85.72	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.93	196	267950	37.84	nq	94
43) 2,4,5-Trichlorophenol	8.98	196	288212	39.55	nq	# 83
45) 1,1'-Biphenyl	9.11	154	1240562	45.21	nq	99
46) 2-Chloronaphthalene	9.13	162	911682	41.95	nq	98
47) 2-Nitroaniline	9.24	65	318616	41.18	nq	91
48) Acenaphthylene	9.54	152	1426367	42.68	nq	99
49) Dimethylphthalate	9.42	163	1020651	39.82	nq	99
50) 2,6-Dinitrotoluene	9.48	165	213183	38.00	nq	# 70
51) Acenaphthene	9.72	154	910818	40.20	nq	99
52) 3-Nitroaniline	9.65	138	94756	13.65	nq	# 78
53) 2,4-Dinitrophenol	9.76	184	257316	82.43	nq	# 89
54) Dibenzofuran	9.89	168	1224583	40.02	nq	98
55) 4-Nitrophenol	9.84	139	351144	74.48	nq	# 72
56) 2,4-Dinitrotoluene	9.89	165	304630	43.26	nq	93
57) Fluorene	10.23	166	970126	43.58	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.01	232	250769	43.51	nq	99
59) Diethylphthalate	10.12	149	1040895	41.81	nq	99
60) 4-Chlorophenyl-phenylether	10.22	204	395683	40.59	nq	100
61) 4-Nitroaniline	10.26	138	272341	37.85	nq	87
62) Azobenzene	10.38	77	1141986	41.67	nq	99
64) 4,6-Dinitro-2-methylphenol	10.29	198	158361	41.42	nq	# 50
65) n-Nitrosodiphenylamine	10.34	169	830621	44.27	nq	99
66) 4-Bromophenyl-phenylether	10.71	248	294359	44.75	nq	# 89
67) Hexachlorobenzene	10.77	284	281655	40.06	nq	# 76
68) Atrazine	10.88	200	305381	50.46	nq	96
69) Pentachlorophenol	10.97	266	279186	80.93	nq	99
70) Phenanthrene	11.18	178	1330542	38.81	nq	99
71) Anthracene	11.24	178	1548771	55.21	nq	98
72) Carbazole	11.40	167	1381813	53.37	nq	98
73) Di-n-butylphthalate	11.73	149	1523472	47.08	nq	99
74) Fluoranthene	12.37	202	1491899	50.02	nq	91
76) Benzidine	12.49	184	444335	37.83	nq	96
77) Pyrene	12.58	202	1355523	41.59	nq	99
79) Butylbenzylphthalate	13.22	149	697594	47.06	nq	# 83
80) Benzo(a)anthracene	13.77	228	1128383	45.00	nq	100
81) 3,3'-Dichlorobenzidine	13.74	252	168000	17.67	nq	99
82) Chrysene	13.81	228	981826	39.03	nq	98
83) Bis(2-ethylhexyl)phthalate	13.78	149	799359	45.79	nq	# 99
84) Di-n-octyl phthalate	14.39	149	1312593	40.59	nq	98
85) Indeno(1,2,3-cd)pyrene	16.43	276	1032720	47.39	nq	98
87) Benzo(b)fluoranthene	14.78	252	1016565m	43.94	nq	
88) Benzo(k)fluoranthene	14.80	252	815902m	41.36	nq	
89) Benzo(a)pyrene	15.10	252	891746	43.43	nq	# 96
90) Dibenzo(a,h)anthracene	16.44	278	843909	50.00	nq	96
91) Benzo(g,h,i)perylene	16.80	276	883413	50.34	nq	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

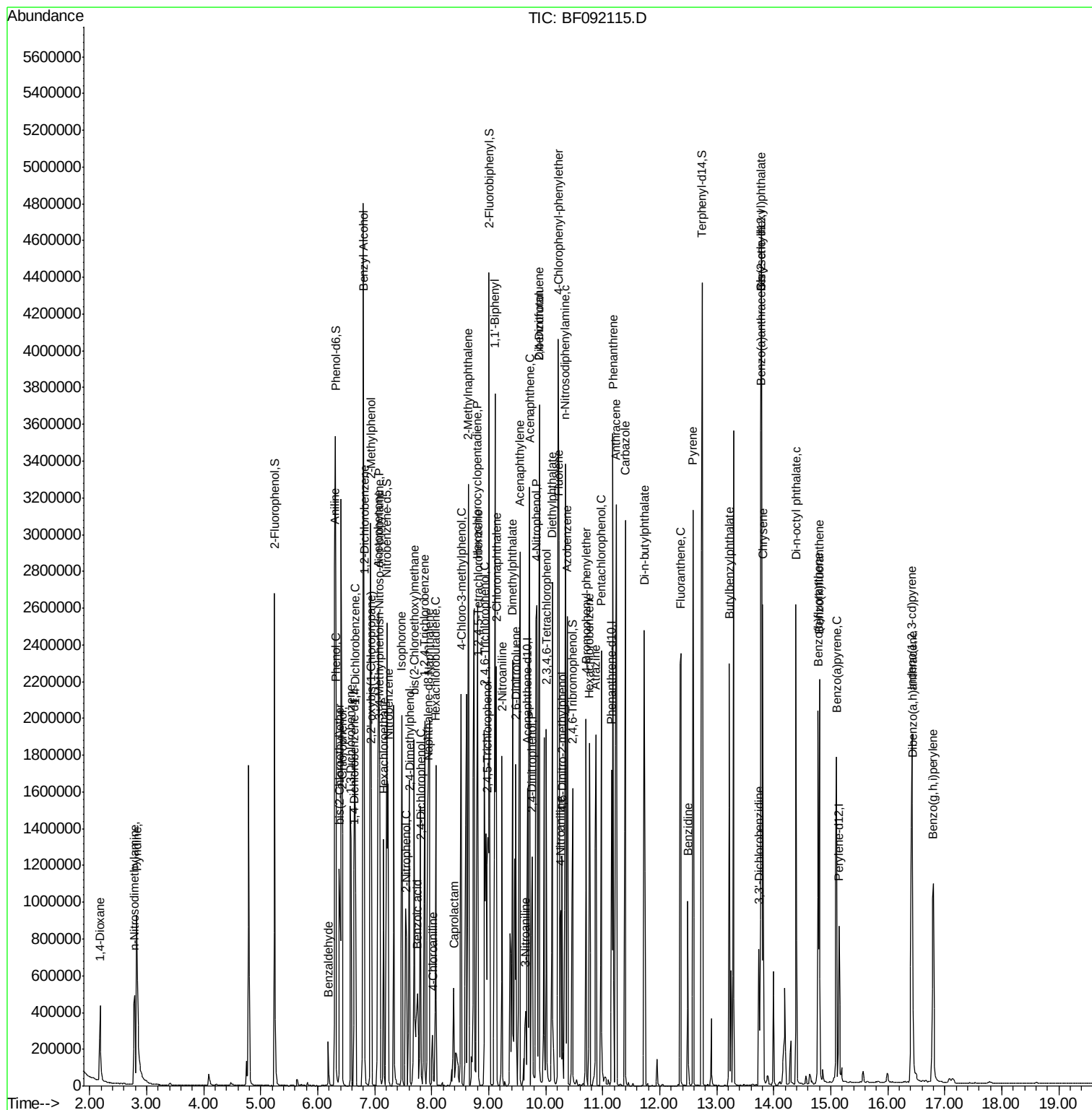
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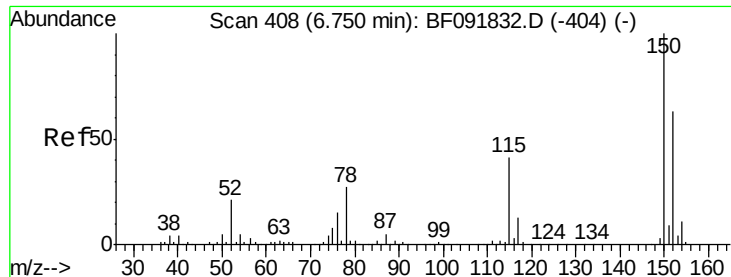
Instrument :
BNA_F
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#1

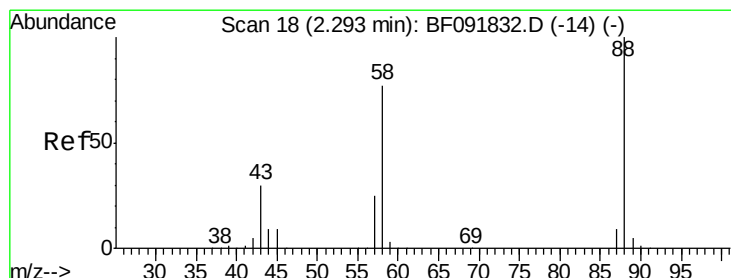
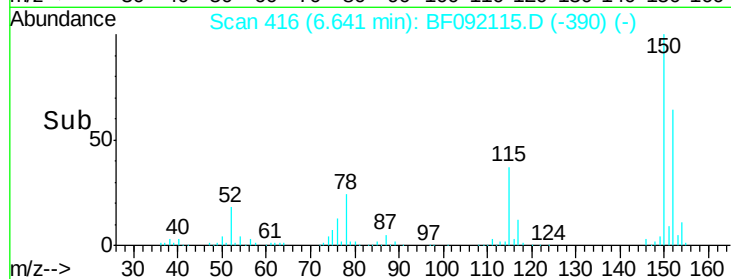
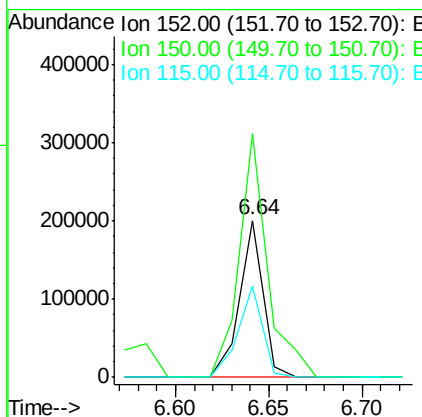
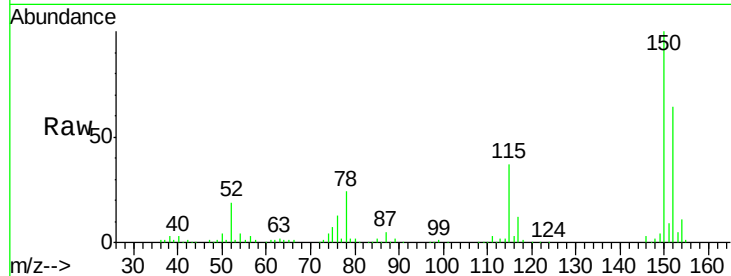
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.64 min Scan# 416
Delta R.T. -0.00 min
Lab File: BF092115.D
Acq: 6 Jan 2017 14:24

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	124.9	187.3
115	58.1	46.0	69.0

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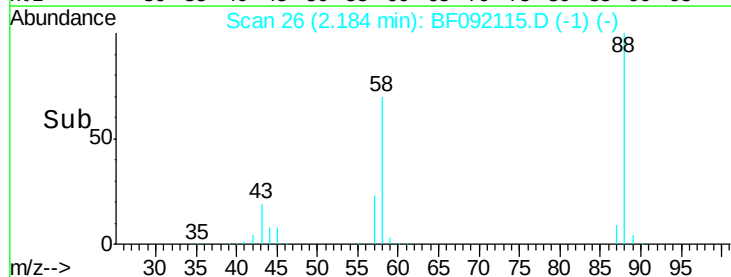
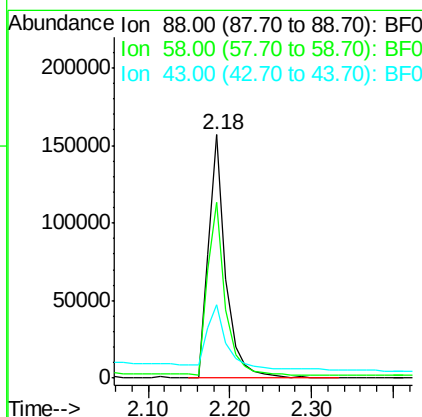
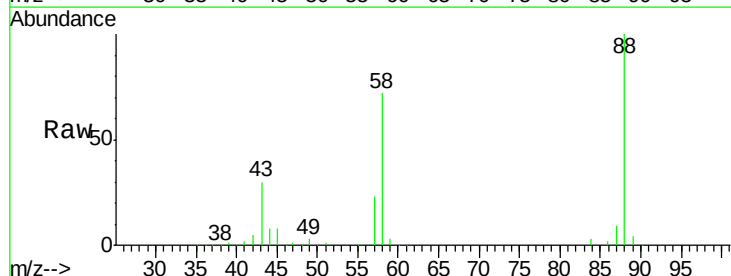
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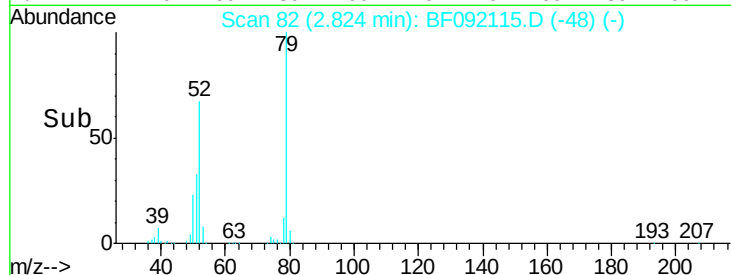
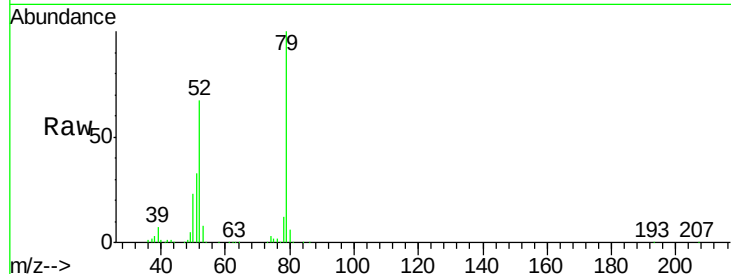
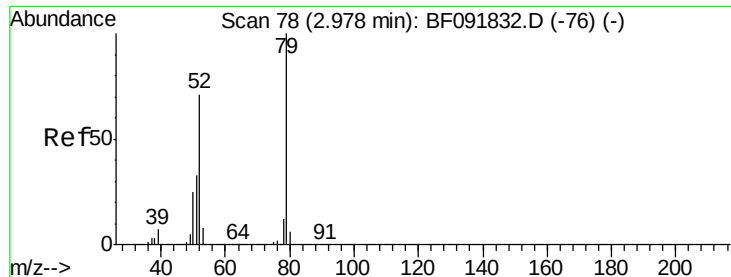


#2

1,4-Dioxane
Concen: 44.21 ng
RT: 2.18 min Scan# 26
Delta R.T. 0.10 min
Lab File: BF092115.D
Acq: 6 Jan 2017 14:24

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.6	57.8	86.8
43	33.0	22.3	33.5





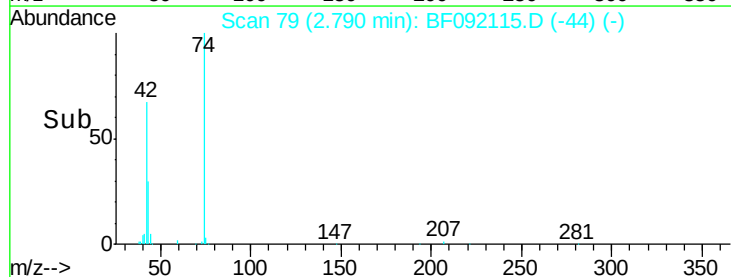
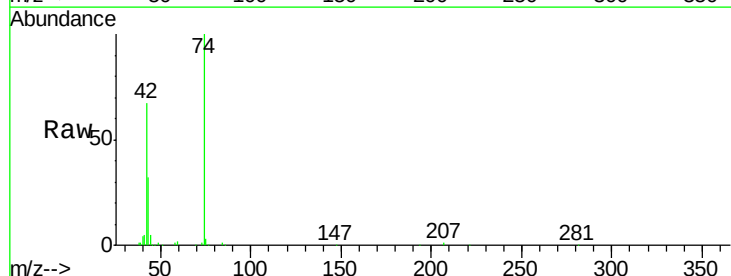
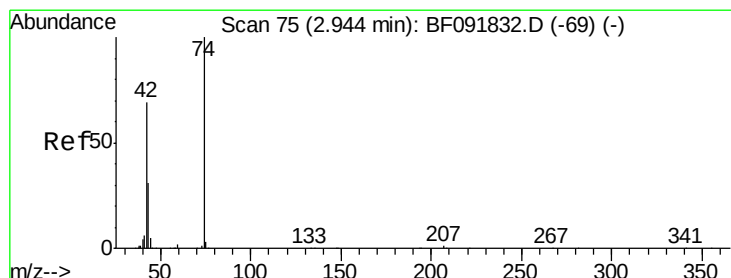
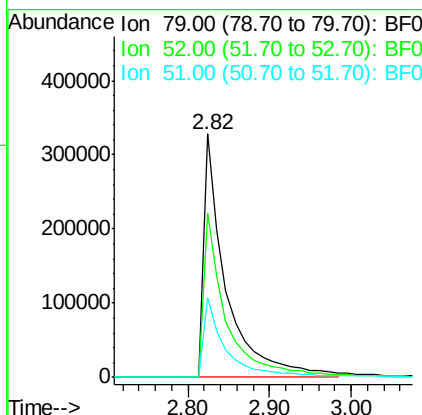
#3
 Pvridine
 Concen: 34.95 ng
 RT: 2.82 min Scan# 82
 Delta R.T. 0.09 min
 Lab File: BF092115.D
 Acq: 6 Jan 2017 14:24

Tot Ion	Ratio	Lower	Upper
79	100		
52	67.4	57.1	85.7
51	32.8	27.3	40.9

Instrument :
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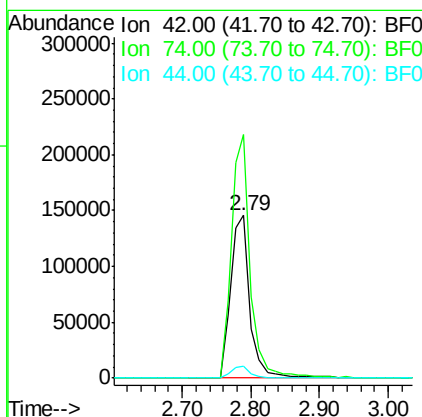
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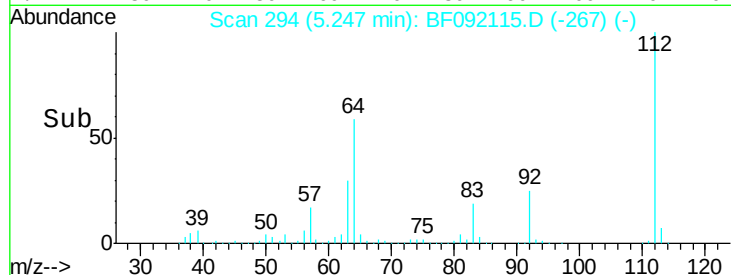
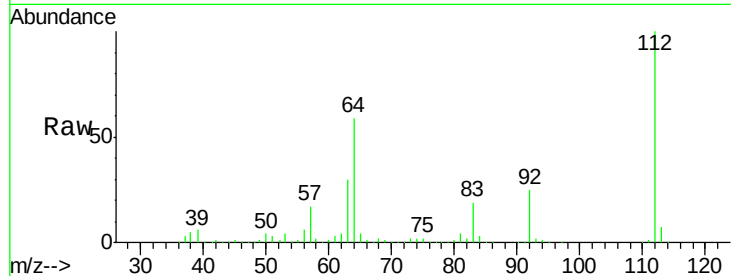
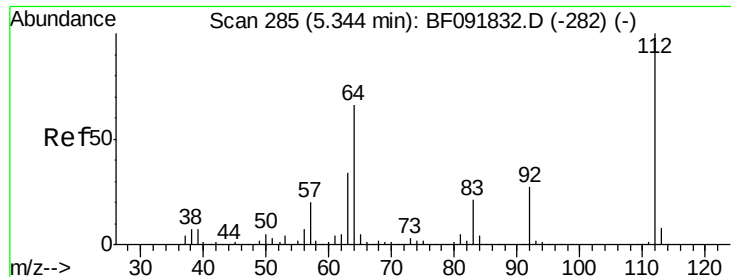
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#4
 n-Nitrosodimethylamine
 Concen: 41.96 ng
 RT: 2.79 min Scan# 79
 Delta R.T. 0.10 min
 Lab File: BF092115.D
 Acq: 6 Jan 2017 14:24

Tgt Ion	Ratio	Lower	Upper
42	100		
74	149.8	117.0	175.4
44	7.3	5.5	8.3





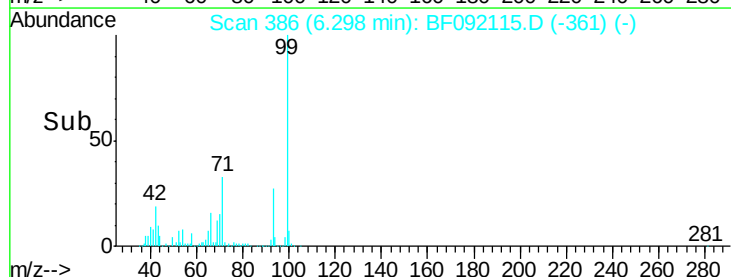
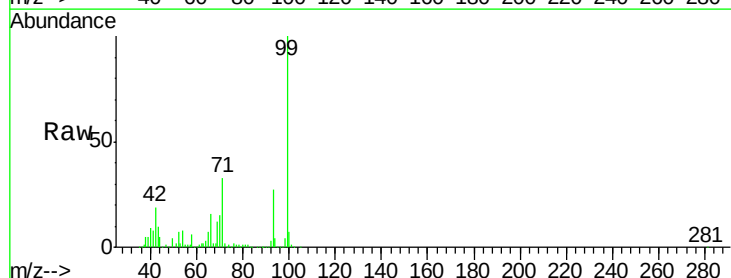
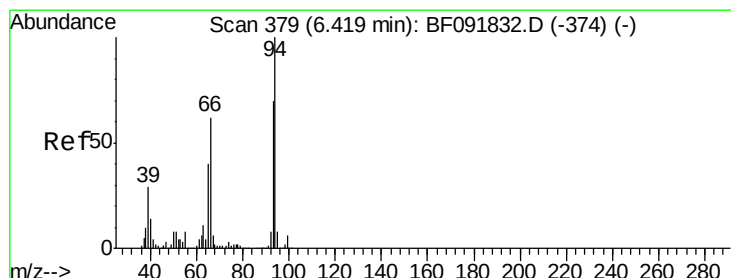
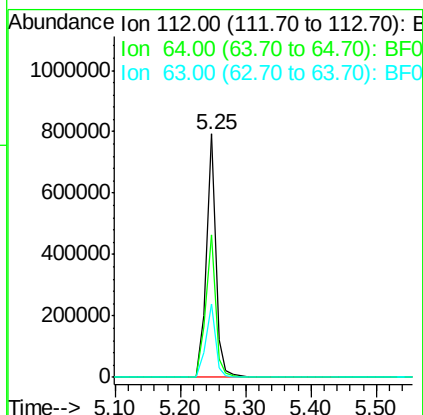
#5
2-Fluorophenol
Concen: 75.54 ng
RT: 5.25 min Scan# 294
Delta R.T. 0.01 min
Lab File: BF092115.D
Acq: 6 Jan 2017 14:24

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		798470		
64	58.7	46.1	69.1		
63	30.0	23.8	35.6		

Instrument :
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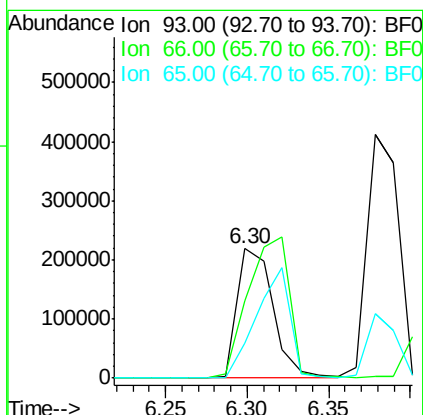
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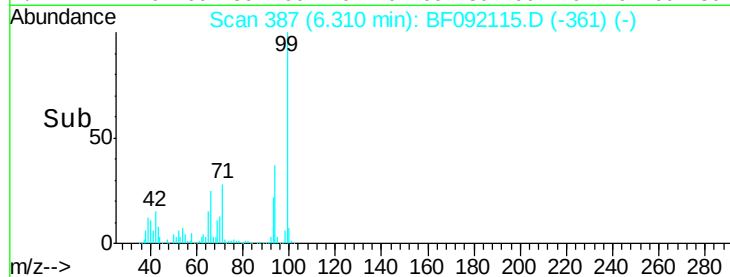
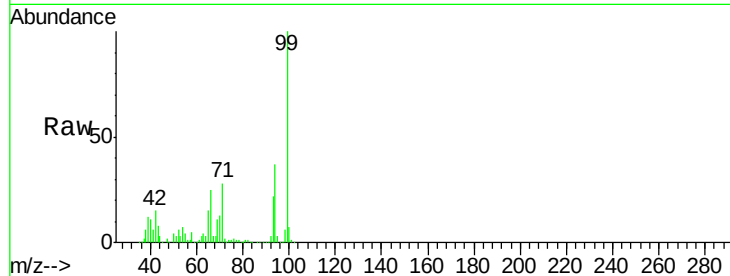
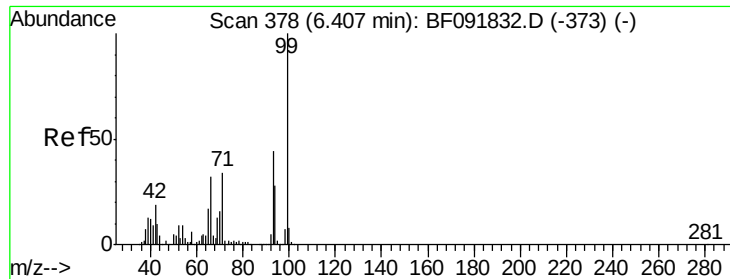
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#6
Aniline
Concen: 19.96 ng
RT: 6.30 min Scan# 386
Delta R.T. -0.01 min
Lab File: BF092115.D
Acq: 6 Jan 2017 14:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		334534		
66	59.6	76.2	114.2#		
65	26.6	49.3	73.9#		





#7

Phenol-d6

Concen: 96.31 ng

RT: 6.31 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF092115.D

Acq: 6 Jan 2017 14:24

Tot Ion:	99	Resp:	1242876
Ion	Ratio	Lower	Upper
99	100		
42	14.5	15.6	23.4#
71	28.2	27.5	41.3

Instrument :

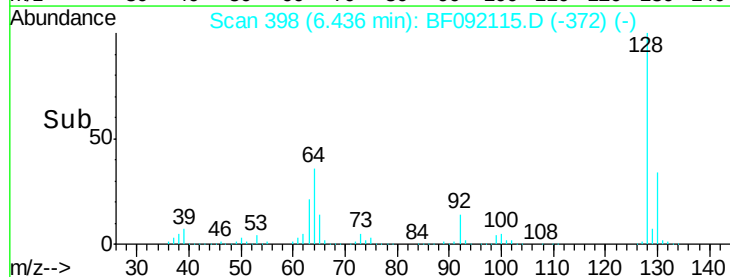
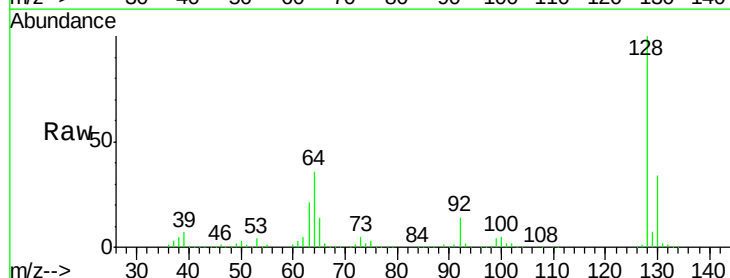
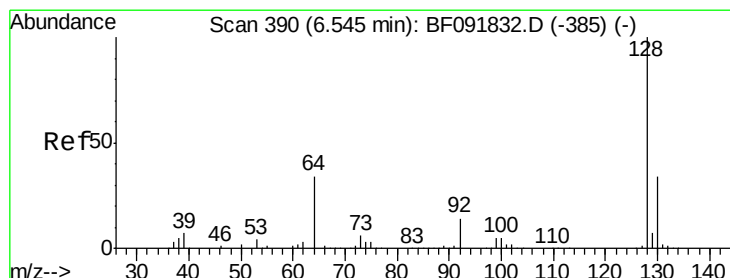
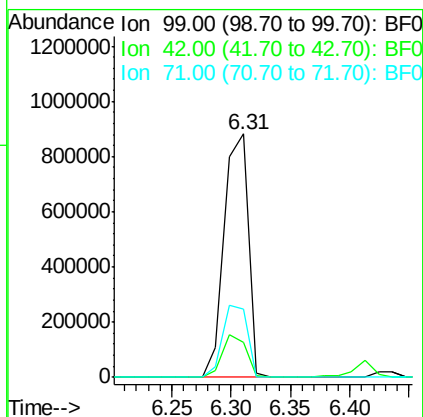
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#8

2-Chlorophenol

Concen: 48.41 ng

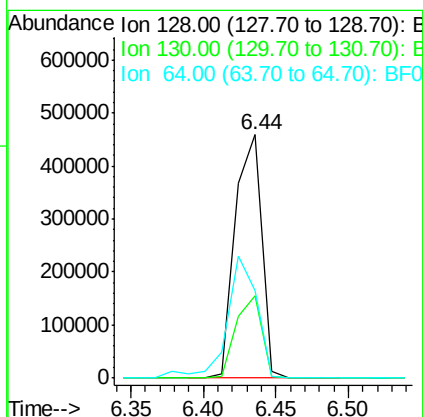
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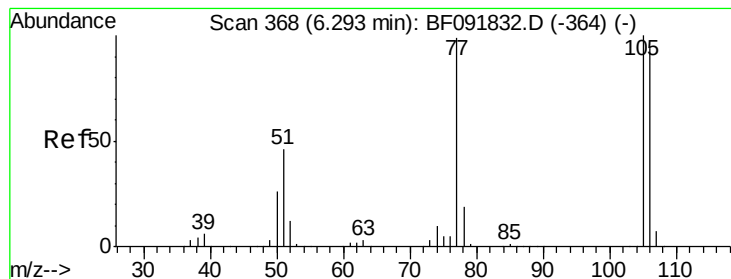
Delta R.T. -0.00 min

Lab File: BF092115.D

Acq: 6 Jan 2017 14:24

Tgt Ion:	128	Resp:	581998
Ion	Ratio	Lower	Upper
128	100		
130	33.8	12.3	52.3
64	36.1	32.2	72.2





#9

Benzaldehyde

Concen: 5.15 ng

RT: 6.18 min Scan# 376

Delta R.T. -0.00 min

Lab File: BF092115.D

Acq: 6 Jan 2017 14:24

Instrument :

BNA_F

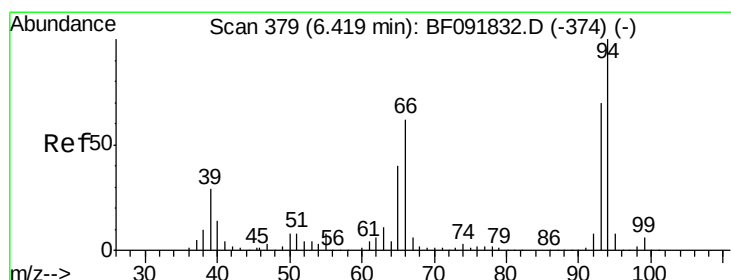
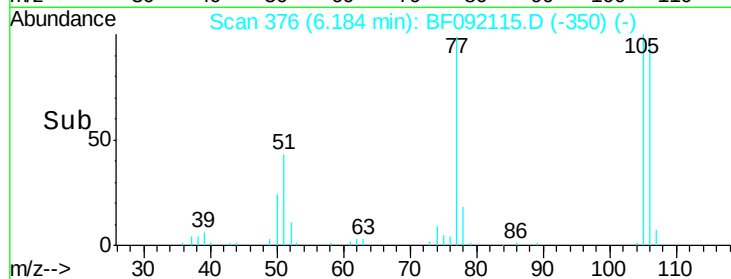
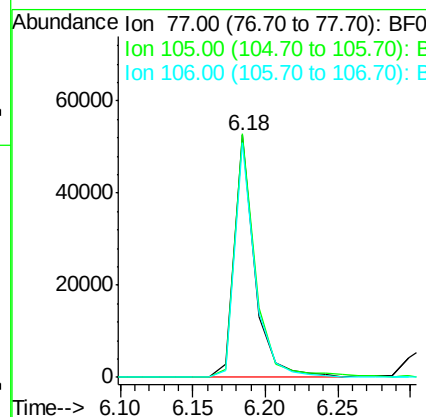
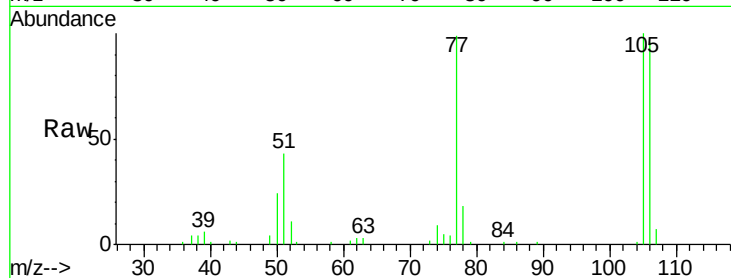
ClientSampled :

PB95798BS

Tot Ion:	77	Resp:	51274
Ion	Ratio	Lower	Upper
77	100		
105	100.7	83.9	123.9
106	96.9	77.6	117.6

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#10

Phenol

Concen: 53.36 ng

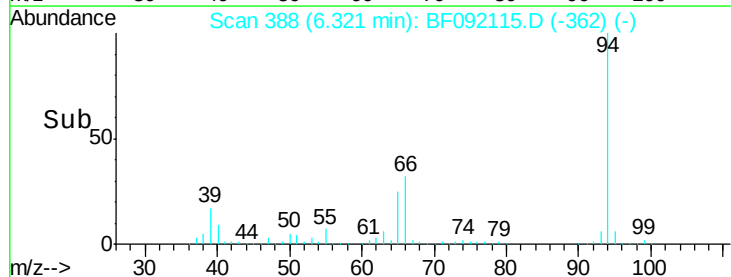
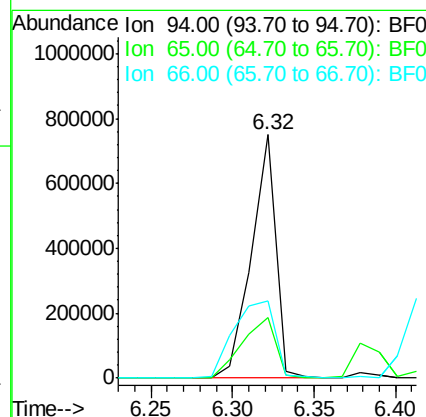
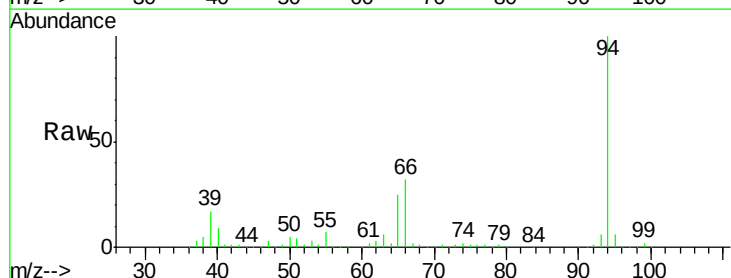
RT: 6.32 min Scan# 388

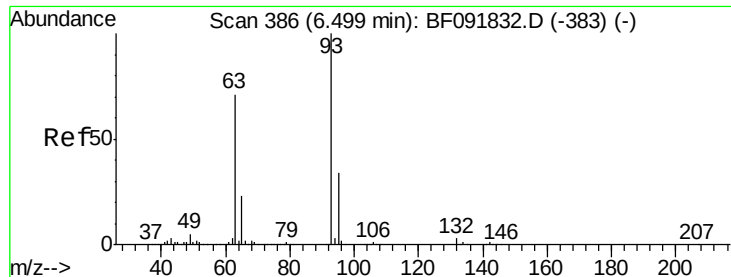
Delta R.T. -0.00 min

Lab File: BF092115.D

Acq: 6 Jan 2017 14:24

Tgt Ion:	94	Resp:	784596
Ion	Ratio	Lower	Upper
94	100		
65	24.9	21.4	61.4
66	32.0	44.0	84.0#





#11

bis(2-Chloroethyl)ether

Concen: 46.98 ng

RT: 6.38 min Scan# 393

Delta R.T. -0.01 min

Lab File: BF092115.D

Acq: 6 Jan 2017 14:24

Instrument :

BNA_F

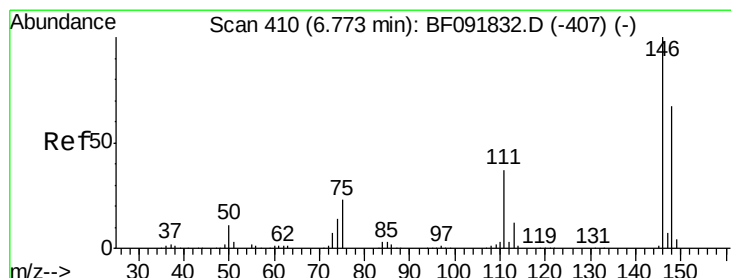
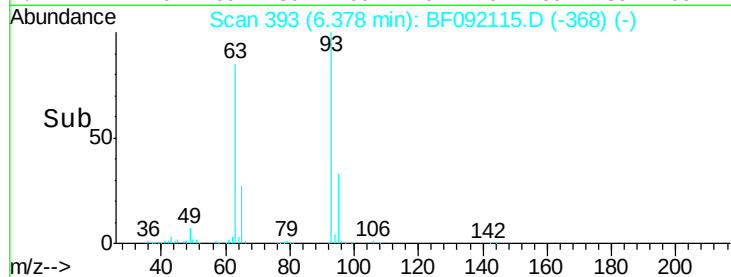
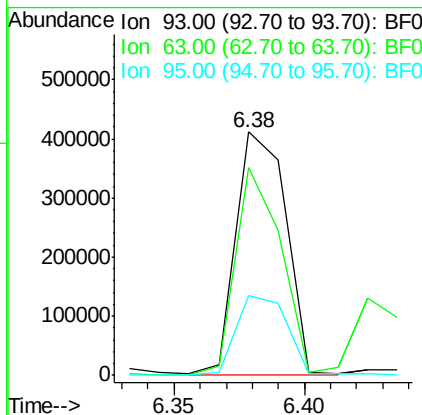
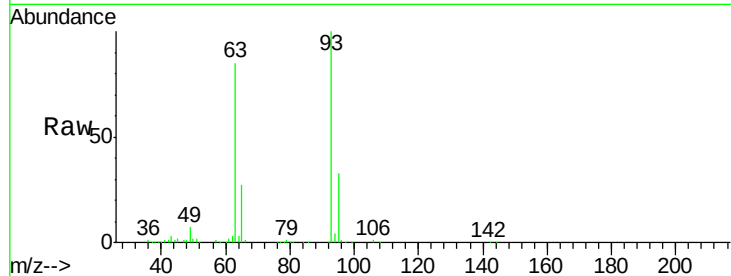
ClientSampled :

PB95798BS

Tot Ion:	93	Resp:	549689
Ion	Ratio	Lower	Upper
93	100		
63	85.3	60.4	100.4
95	32.8	12.8	52.8

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#12

1,3-Dichlorobenzene

Concen: 41.54 ng

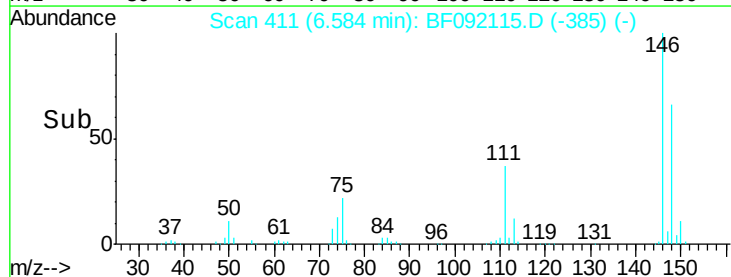
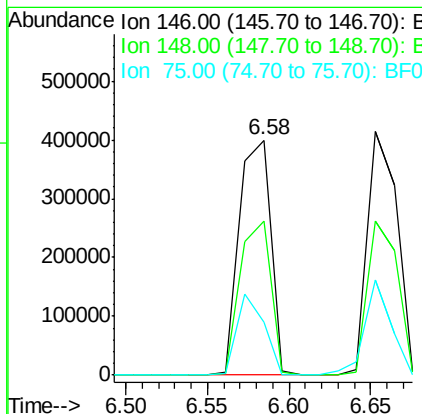
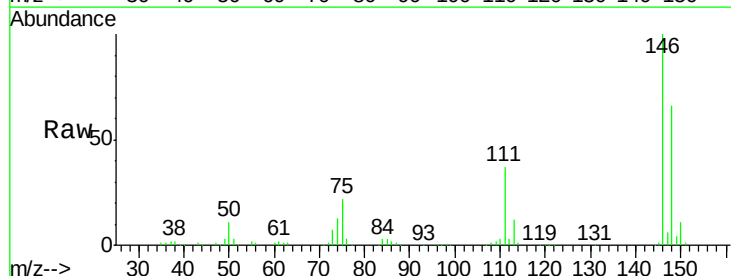
RT: 6.58 min Scan# 411

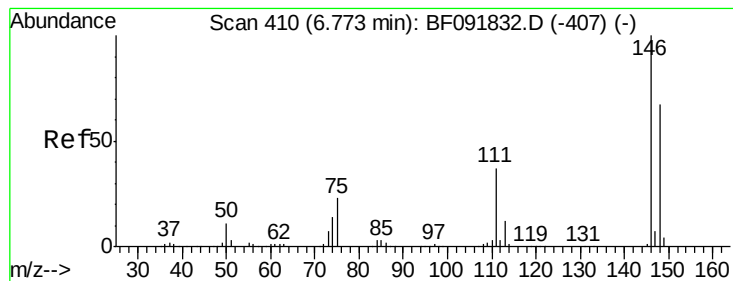
Delta R.T. -0.00 min

Lab File: BF092115.D

Acq: 6 Jan 2017 14:24

Tgt Ion:	146	Resp:	533208
Ion	Ratio	Lower	Upper
146	100		
148	65.6	53.4	80.0
75	22.4	18.5	27.7





#13

1,4-Dichlorobenzene

Concen: 39.57 ng

RT: 6.65 min Scan# 417

Delta R.T. -0.01 min

Lab File: BF092115.D

Acq: 6 Jan 2017 14:24

Instrument :

BNA_F

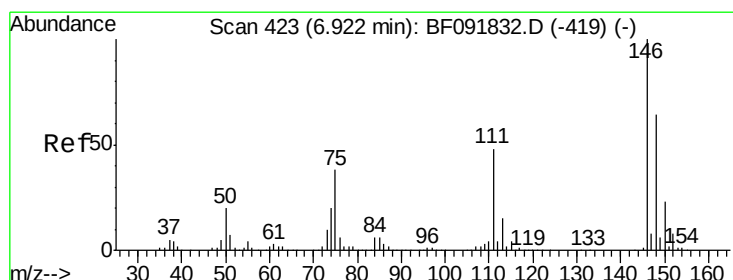
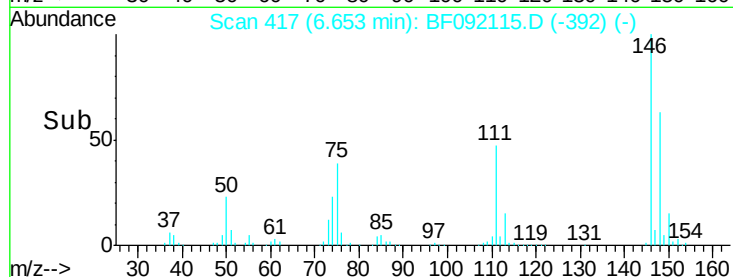
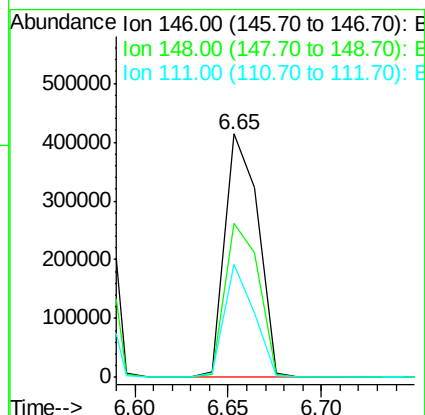
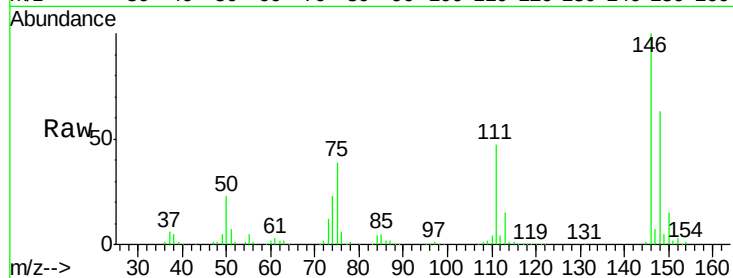
ClientSampleId :

PB95798BS

Tot Ion:	146	Resp:	516955
Ion Ratio	Lower	Upper	
146	100		
148	63.1	50.6	76.0
111	46.6	36.2	54.4

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 43.97 ng

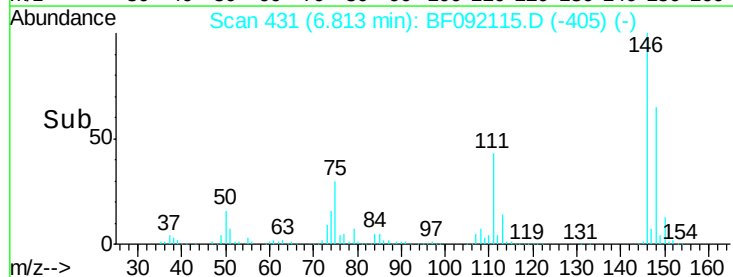
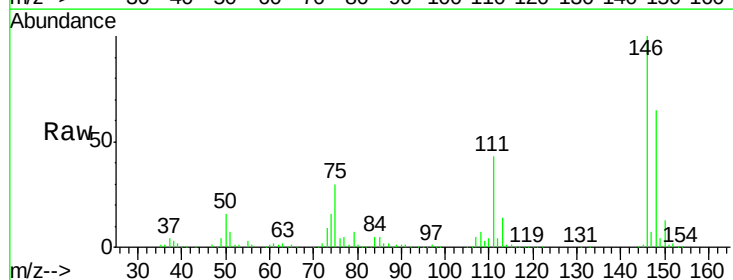
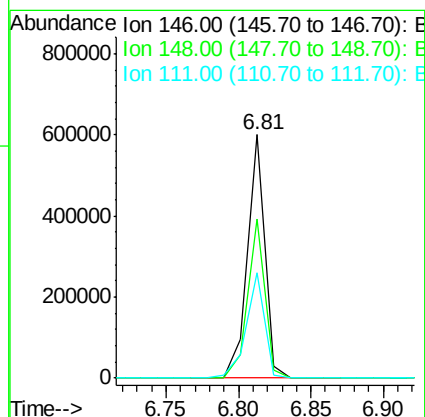
RT: 6.81 min Scan# 431

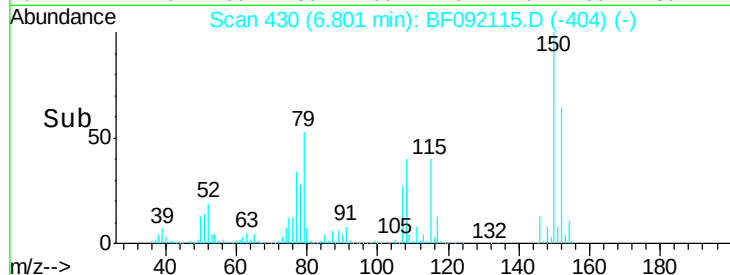
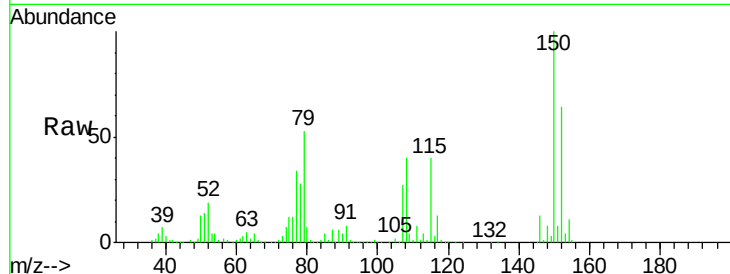
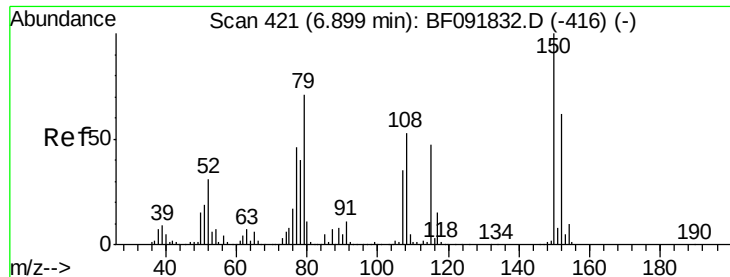
Delta R.T. -0.00 min

Lab File: BF092115.D

Acq: 6 Jan 2017 14:24

Tgt Ion:	146	Resp:	498430
Ion Ratio	Lower	Upper	
146	100		
148	65.5	52.2	78.2
111	43.3	36.2	54.2





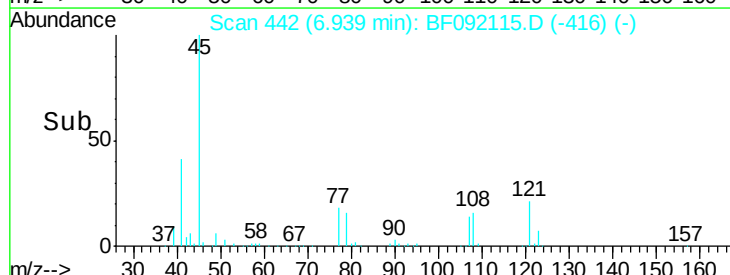
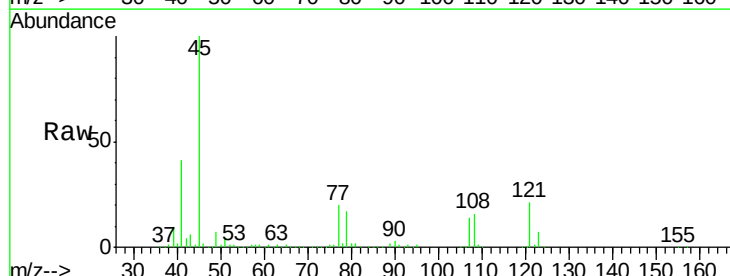
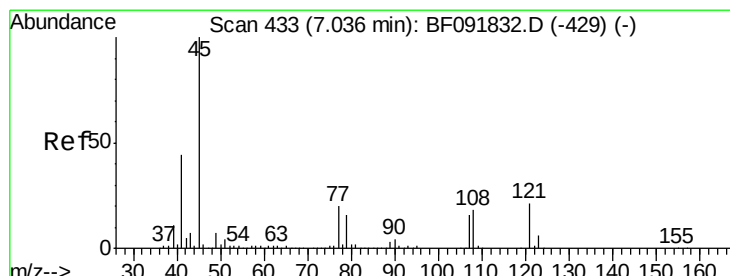
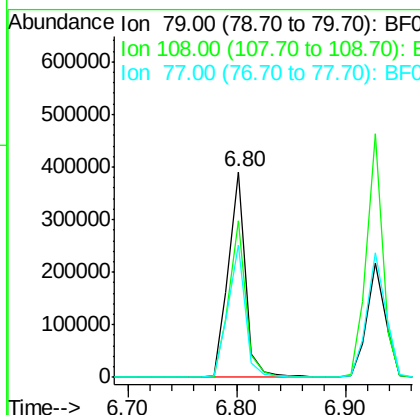
#15
Benzyl Alcohol
Concen: 42.64 ng
RT: 6.80 min Scan# 430
Delta R.T. -0.00 min
Lab File: BF092115.D
Acq: 6 Jan 2017 14:24

Tot Ion	Ratio	Lower	Upper
79	100		
108	76.1	61.4	92.0
77	64.3	50.9	76.3

Instrument :
BNA_F
ClientSampled :
PB95798BS

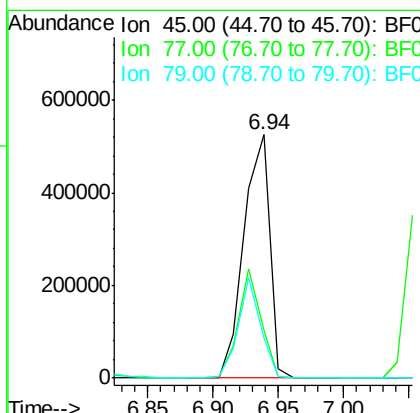
Manual Integrations
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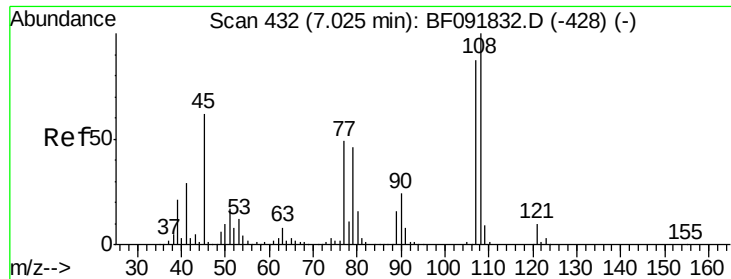
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.44 ng
RT: 6.94 min Scan# 442
Delta R.T. -0.00 min
Lab File: BF092115.D
Acq: 6 Jan 2017 14:24

Tgt Ion	Ratio	Lower	Upper
45	100		
77	19.6	0.0	34.6
79	16.6	0.0	31.2





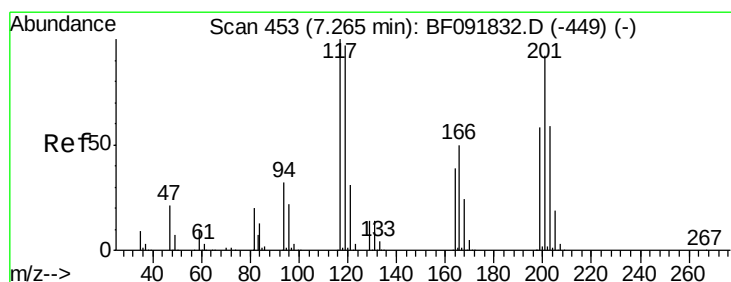
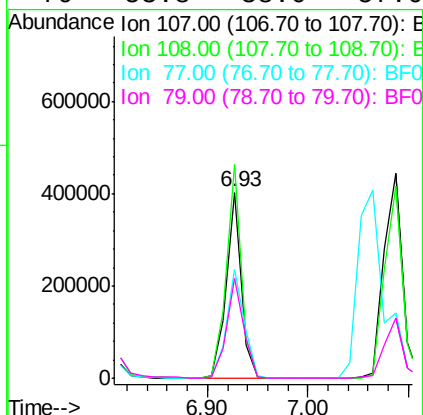
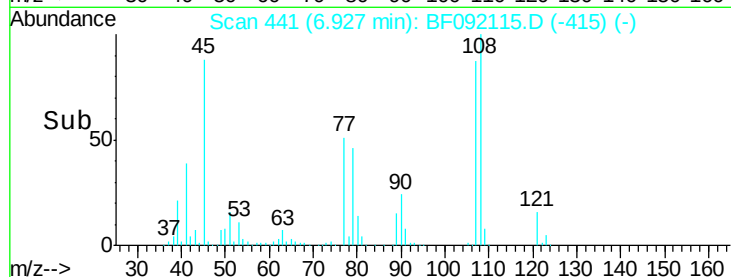
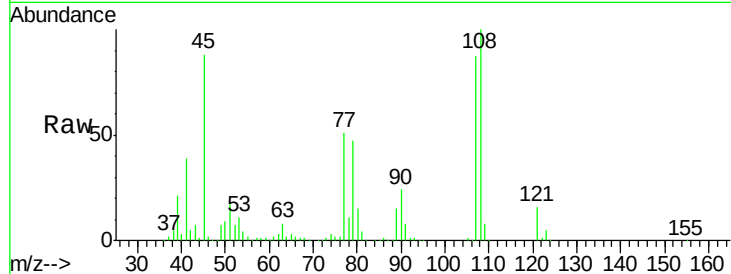
#17
2-Methylphenol
Concen: 43.56 ng
RT: 6.93 min Scan# 441
Delta R.T. -0.00 min
Lab File: BF092115.D
Acq: 6 Jan 2017 14:24

Instrument :
BNA_F
ClientSampleId :
PB95798BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.7	93.0	139.6	
77	58.7	39.8	59.8	
79	53.8	38.0	57.0	

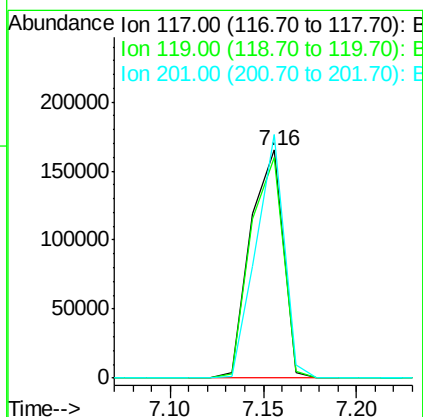
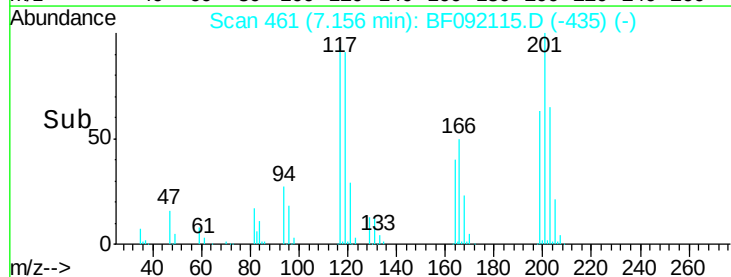
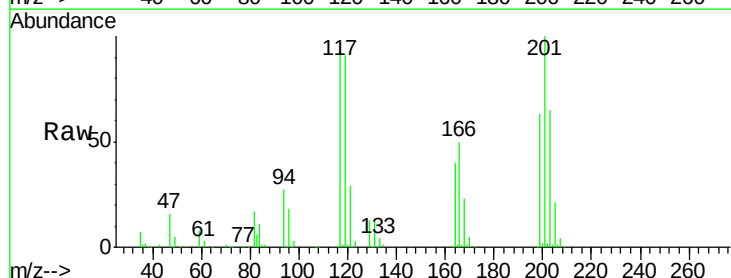
Manual Integrations
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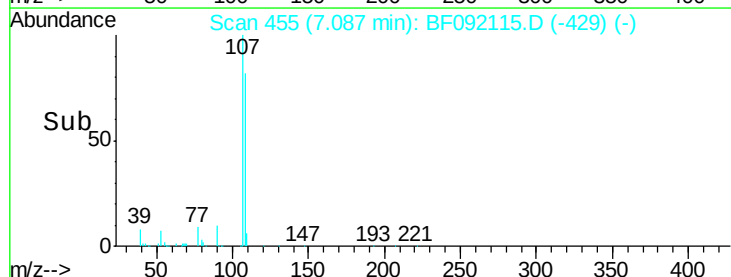
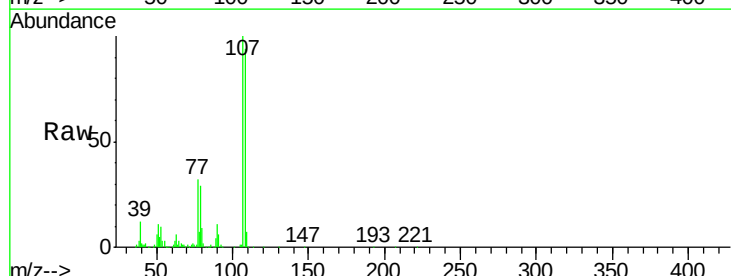
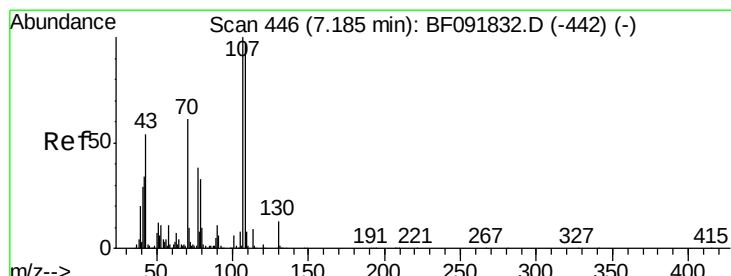
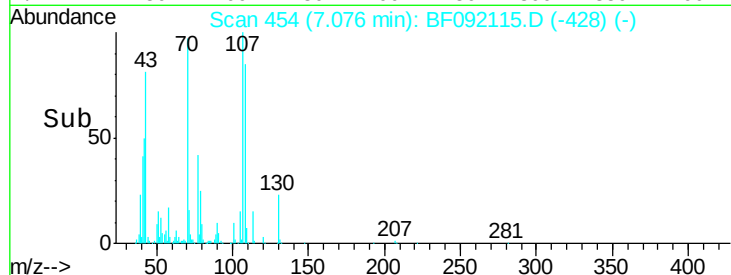
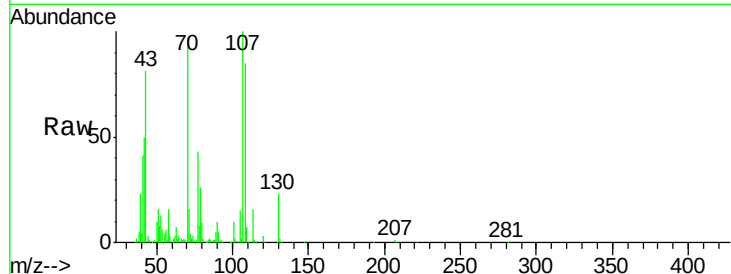
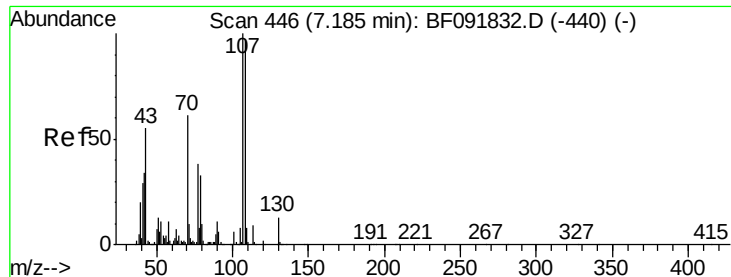
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#18
Hexachloroethane
Concen: 41.41 ng
RT: 7.16 min Scan# 461
Delta R.T. -0.00 min
Lab File: BF092115.D
Acq: 6 Jan 2017 14:24

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.7	78.1	117.1	
201	106.7	78.6	117.8	





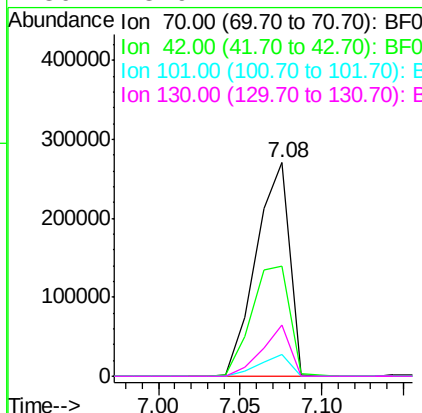
#19
n-Nitroso-di-n-propylamine
Concen: 44.90 ng
RT: 7.08 min Scan# 454
Delta R.T. -0.00 min
Lab File: BF092115.D
Acq: 6 Jan 2017 14:24

Instrument :
BNA_F
ClientSampleId :
PB95798BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	51.4	49.4	74.0
101	10.2	7.4	11.2
130	23.9	14.2	21.4

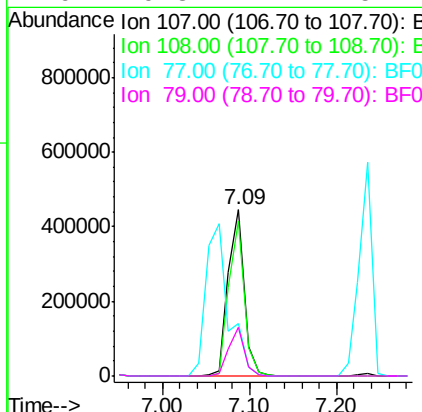
Manual Integrations
APPROVED

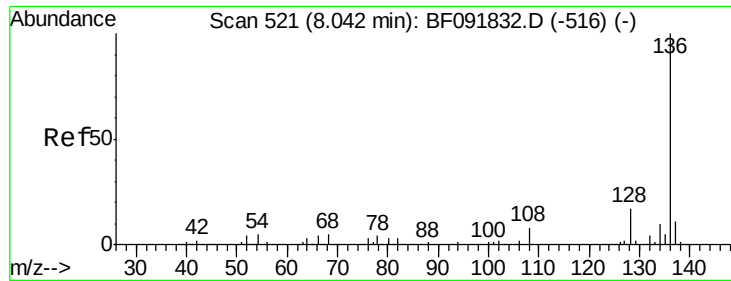
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#20
3+4-Methylphenols
Concen: 49.59 ng
RT: 7.09 min Scan# 455
Delta R.T. -0.00 min
Lab File: BF092115.D
Acq: 6 Jan 2017 14:24

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.6	73.0	113.0
77	31.7	71.3	111.3
79	29.3	11.1	51.1





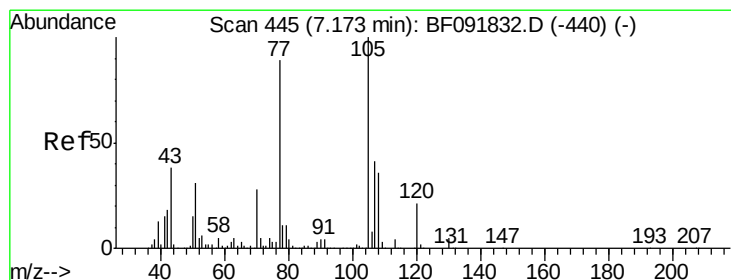
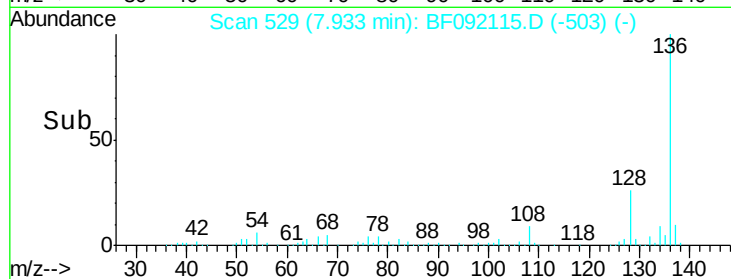
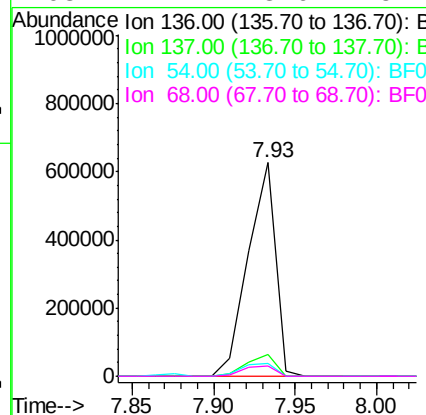
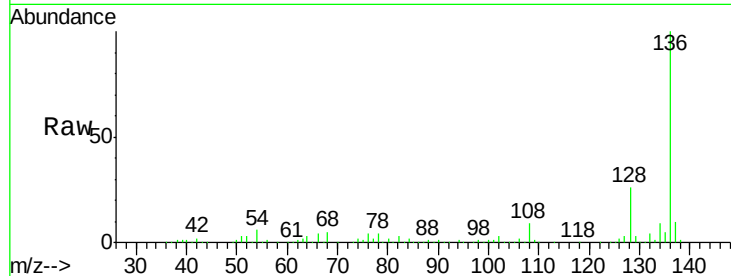
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.93 min Scan# 529
Delta R.T. -0.00 min
Lab File: BF092115.D
Acq: 6 Jan 2017 14:24

Instrument :
BNA_F
ClientSampleId :
PB95798BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.5	8.4	12.6	
54	6.0	4.5	6.7	
68	4.7	3.6	5.4	

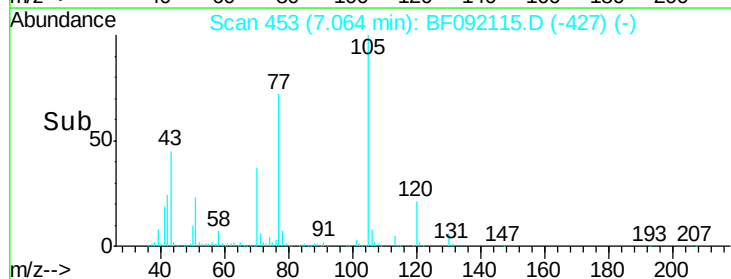
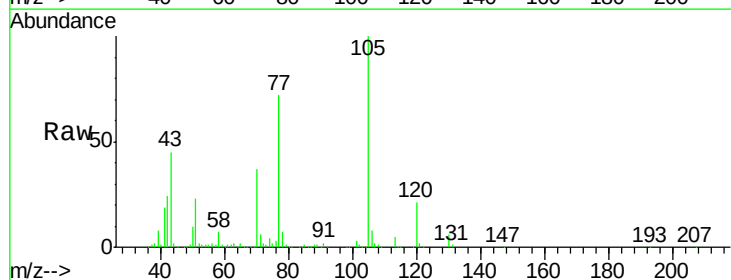
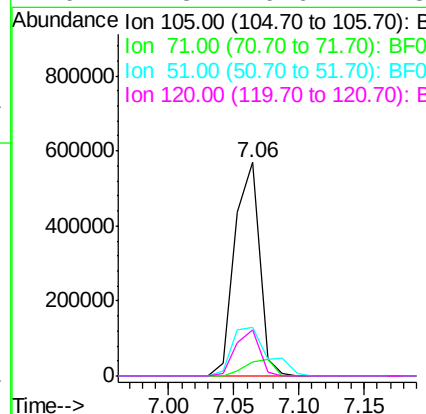
Manual Integrations
APPROVED

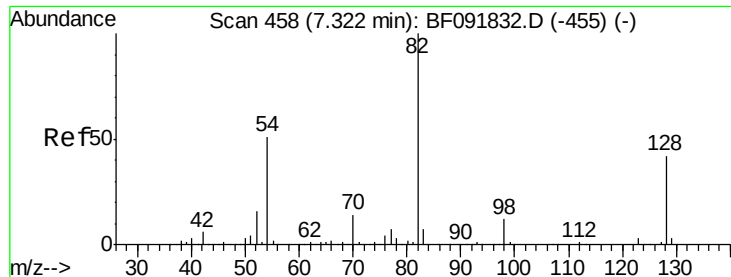
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#22
Acetophenone
Concen: 41.60 ng
RT: 7.06 min Scan# 453
Delta R.T. -0.00 min
Lab File: BF092115.D
Acq: 6 Jan 2017 14:24

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	6.5	3.2	4.8#	
51	22.6	26.2	39.4#	
120	21.3	16.6	24.8	





#23

Nitrobenzene-d5

Concen: 78.20 ng

RT: 7.21 min Scan# 466

Delta R.T. -0.00 min

Lab File: BF092115.D

Acq: 6 Jan 2017 14:24

Instrument :

BNA_F

ClientSampleId :

PB95798BS

Tot Ion: 82 Resp: 1026784

Ion Ratio Lower Upper

82 100

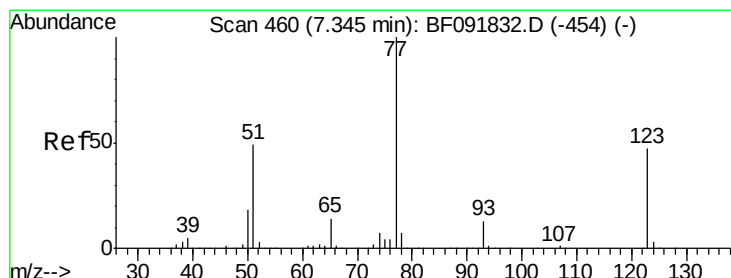
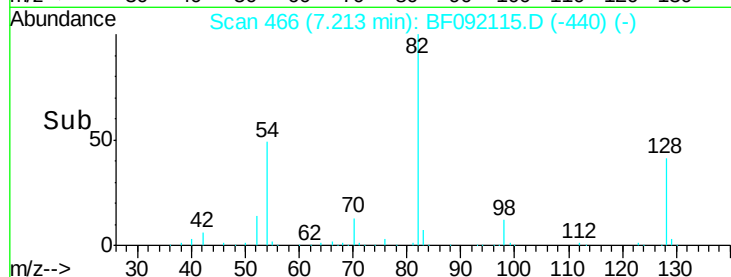
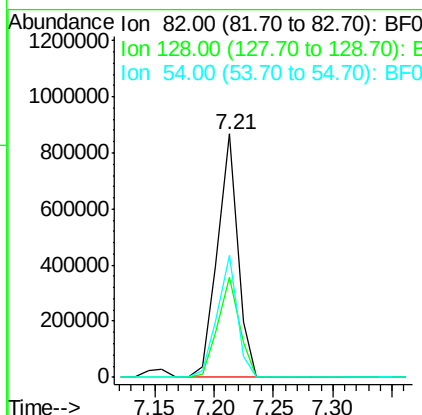
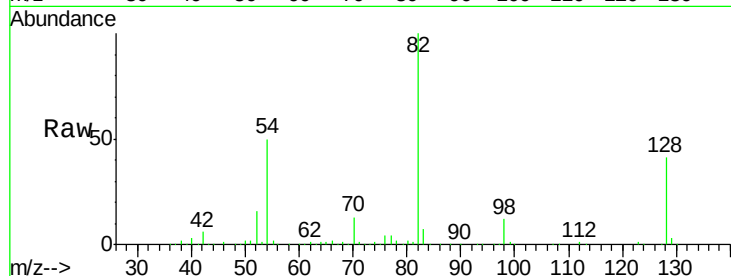
128 41.2 34.6 52.0

54 50.0 39.5 59.3

Manual Integrations
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#24

Nitrobenzene

Concen: 42.39 ng

RT: 7.24 min Scan# 468

Delta R.T. -0.00 min

Lab File: BF092115.D

Acq: 6 Jan 2017 14:24

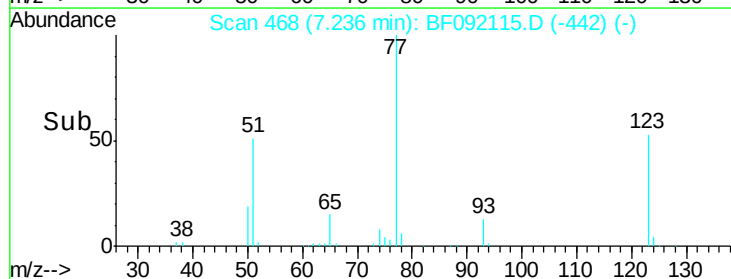
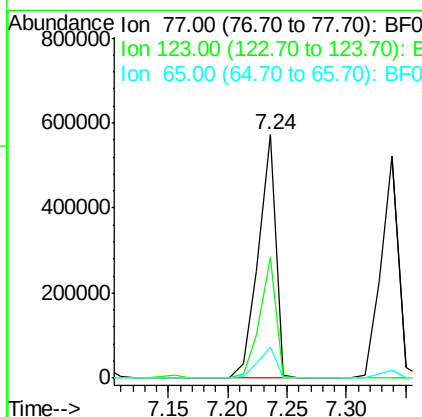
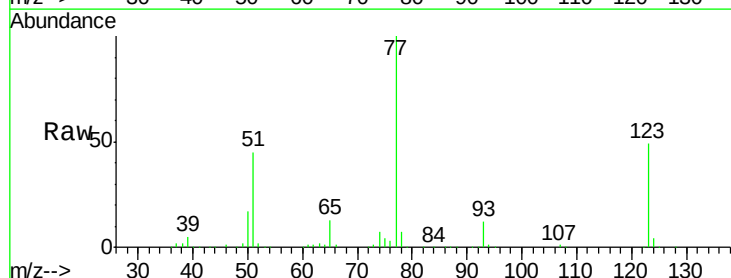
Tgt Ion: 77 Resp: 592794

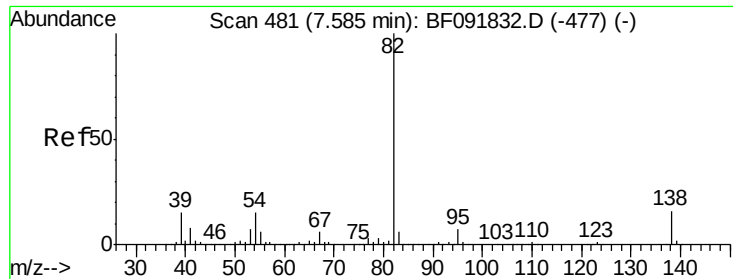
Ion Ratio Lower Upper

77 100

123 49.5 33.0 49.4#

65 12.8 11.2 16.8





#25

Isophorone

Concen: 42.34 ng

RT: 7.48 min Scan# 489

Delta R.T. -0.00 min

Lab File: BF092115.D

Acq: 6 Jan 2017 14:24

Instrument :

BNA_F

ClientSampleId :

PB95798BS

Tot Ion: 82 Resp: 1025727

Ion Ratio Lower Upper

82 100

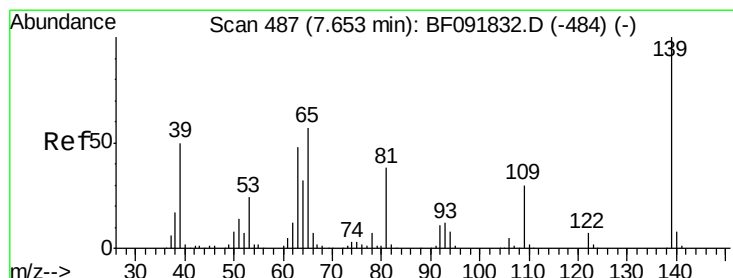
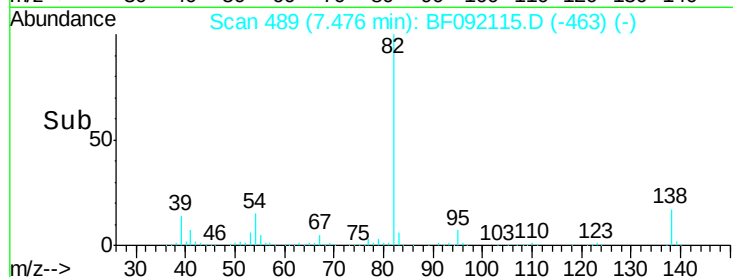
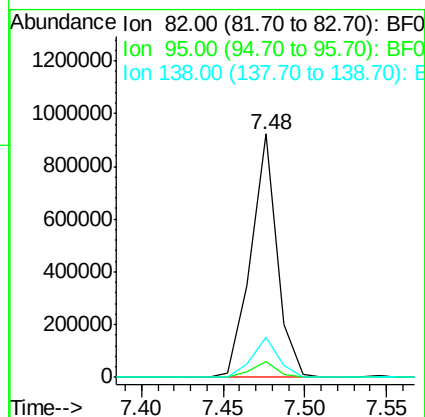
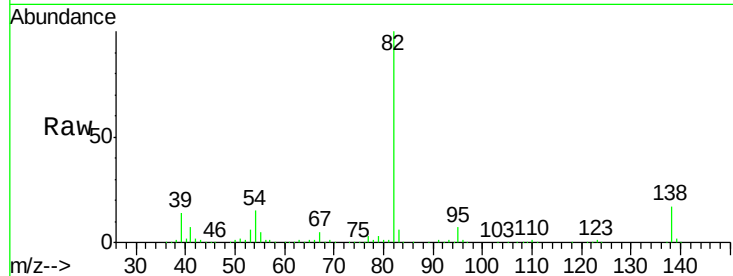
95 6.7 5.6 8.4

138 16.7 14.6 22.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 40.53 ng

RT: 7.56 min Scan# 496

Delta R.T. -0.00 min

Lab File: BF092115.D

Acq: 6 Jan 2017 14:24

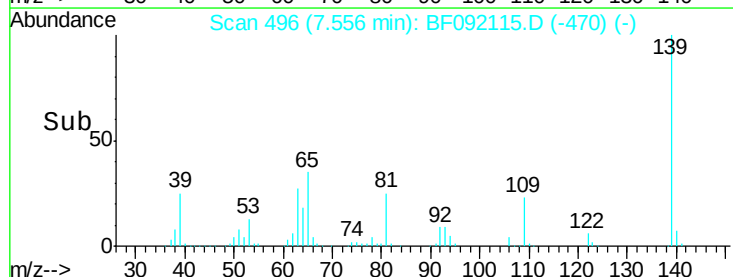
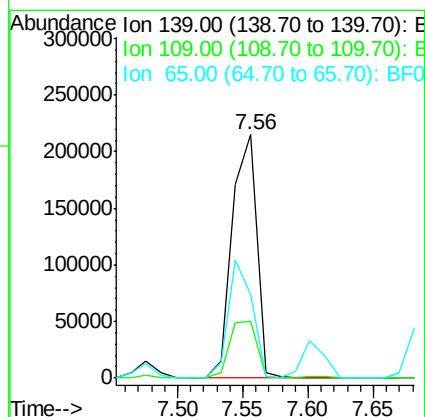
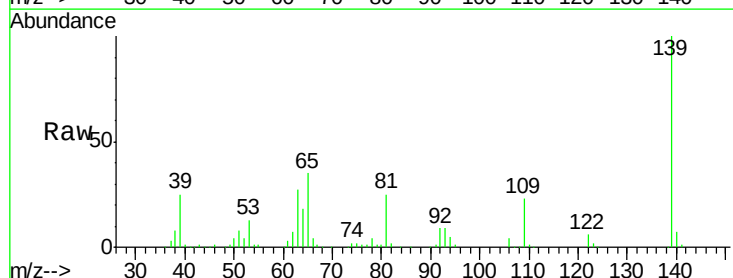
Tgt Ion: 139 Resp: 279500

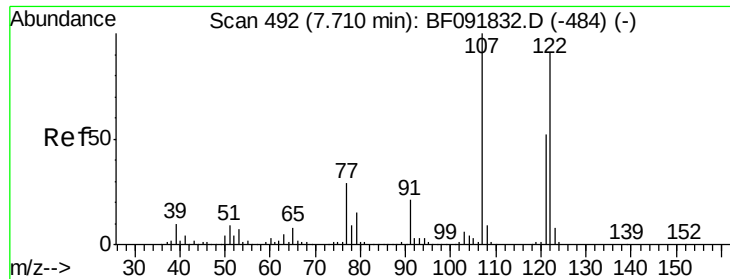
Ion Ratio Lower Upper

139 100

109 23.2 23.3 34.9#

65 34.5 42.7 64.1#





#27

2,4-Dimethylphenol

Concen: 39.67 ng

RT: 7.61 min Scan# 501

Delta R.T. -0.00 min

Lab File: BF092115.D

Acq: 6 Jan 2017 14:24

Instrument :

BNA_F

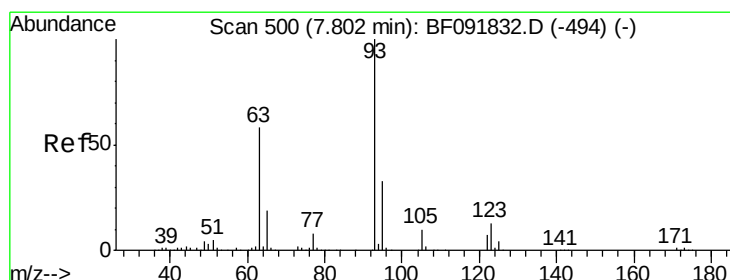
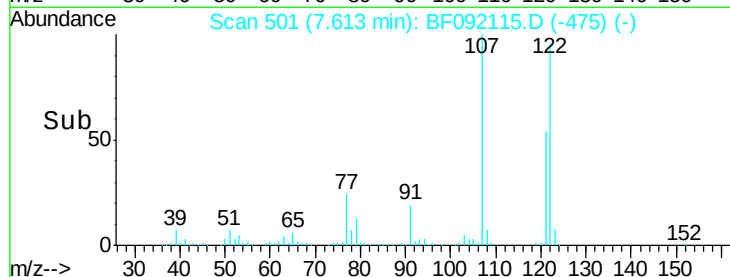
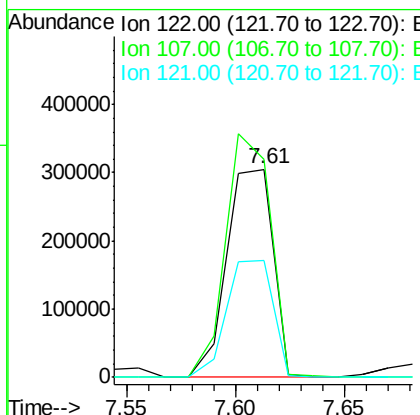
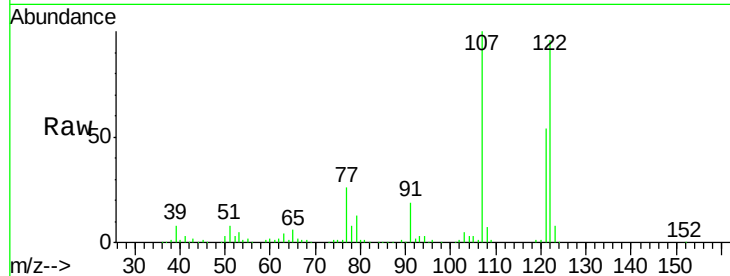
ClientSampleId :

PB95798BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	104.7	94.1	141.1
121	56.2	46.0	69.0

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#28

bis(2-Chloroethoxy)methane

Concen: 43.20 ng

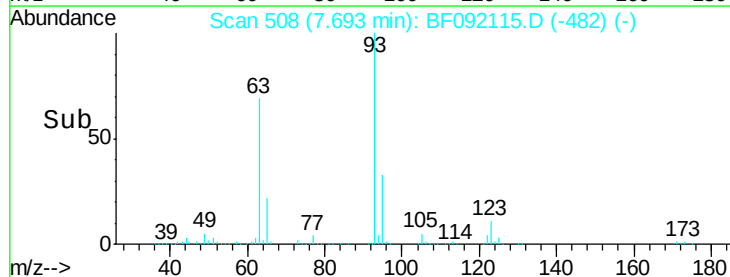
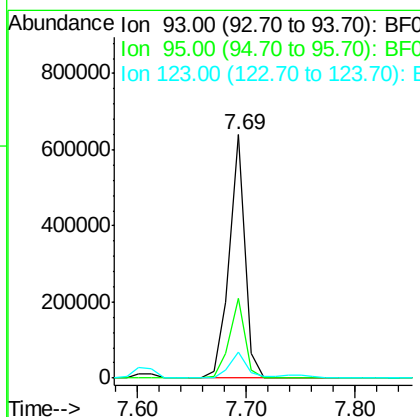
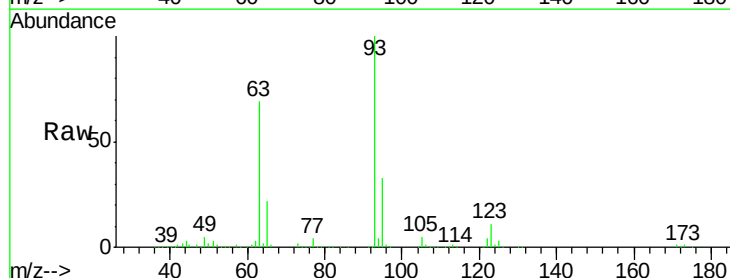
RT: 7.69 min Scan# 508

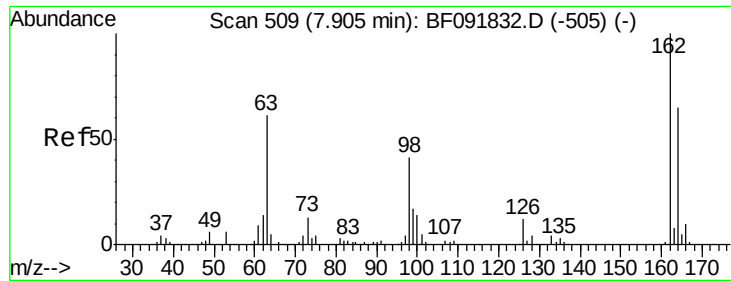
Delta R.T. -0.00 min

Lab File: BF092115.D

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Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.5	39.7
123	10.6	8.6	13.0





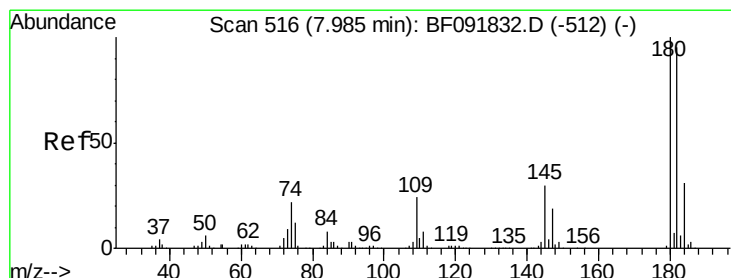
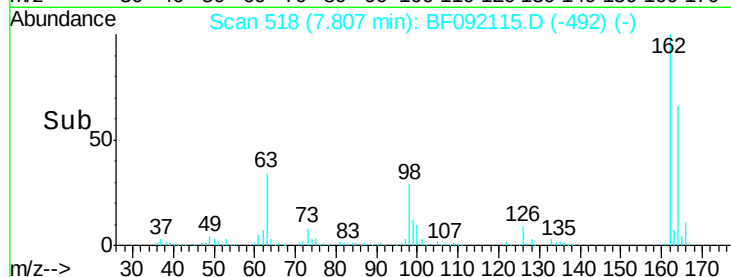
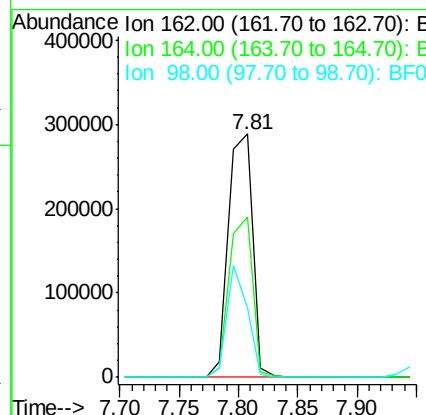
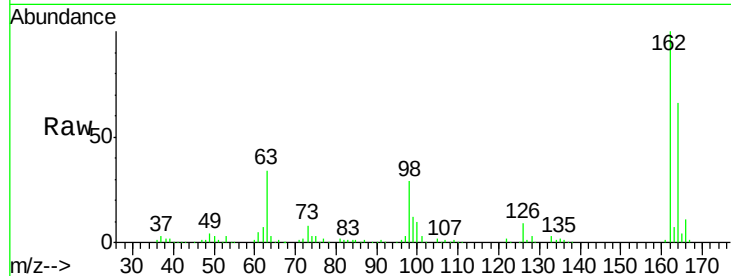
#29
2,4-Dichlorophenol
Concen: 41.98 ng
RT: 7.81 min Scan# 518
Delta R.T. -0.00 min
Lab File: BF092115.D
Acq: 6 Jan 2017 14:24

Instrument :
BNA_F
ClientSampleId :
PB95798BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	66.0	46.8	86.8
98	28.6	9.1	49.1

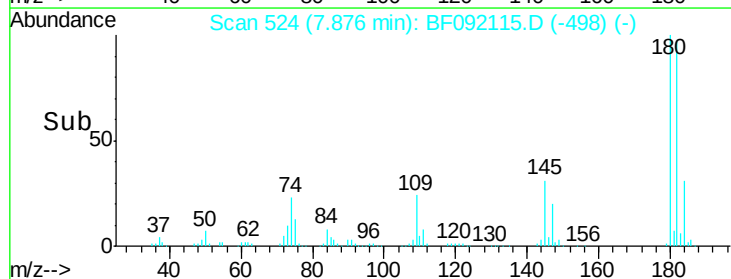
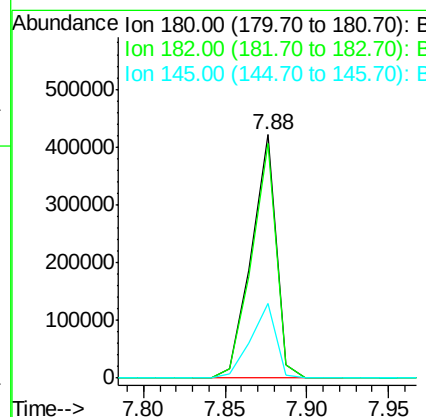
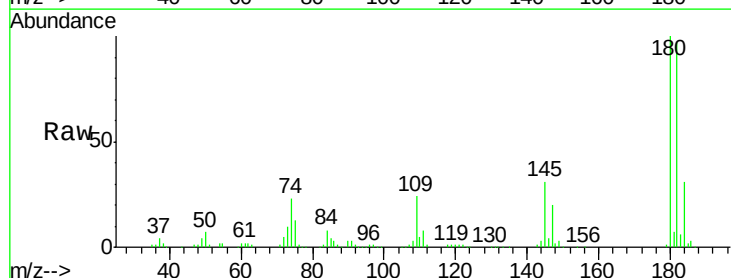
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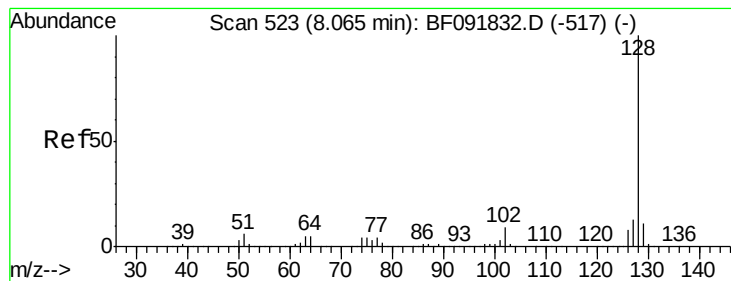
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#30
1,2,4-Trichlorobenzene
Concen: 41.93 ng
RT: 7.88 min Scan# 524
Delta R.T. -0.00 min
Lab File: BF092115.D
Acq: 6 Jan 2017 14:24

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	96.5	78.2	117.4
145	30.8	21.6	32.4





#31

Naphthalene

Concen: 43.27 ng

RT: 7.96 min Scan# 531

Delta R.T. -0.00 min

Lab File: BF092115.D

Acq: 6 Jan 2017 14:24

Instrument :

BNA_F

ClientSampleId :

PB95798BS

Tot Ion:128 Resp: 1445938

Ion Ratio Lower Upper

128 100

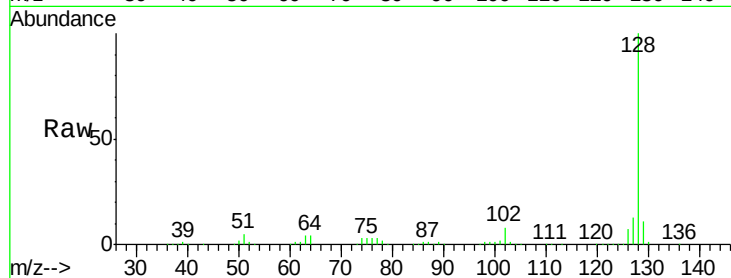
129 10.8 9.5 14.3

127 13.0 10.8 16.2

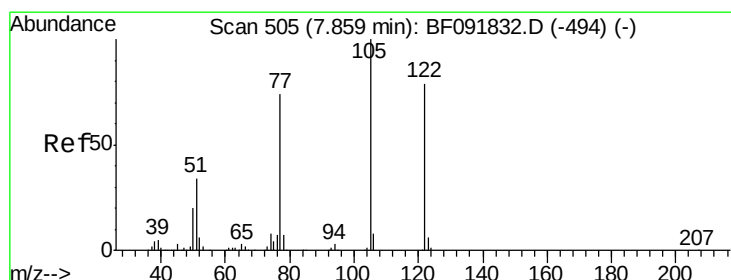
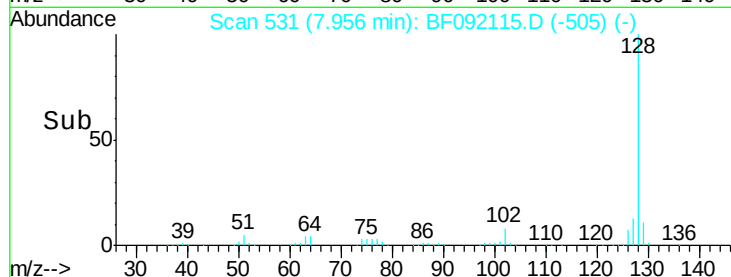
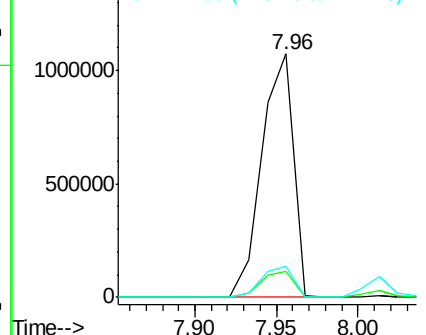
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 40.93 ng

RT: 7.75 min Scan# 513

Delta R.T. -0.00 min

Lab File: BF092115.D

Acq: 6 Jan 2017 14:24

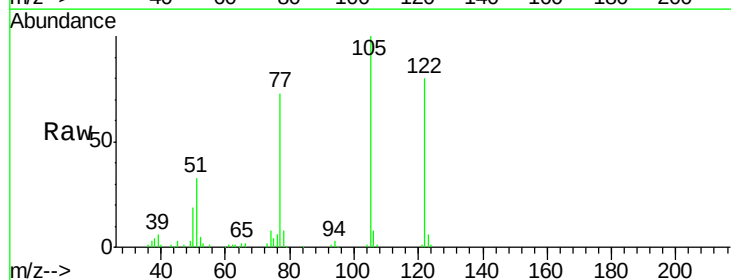
Tgt Ion:122 Resp: 347230

Ion Ratio Lower Upper

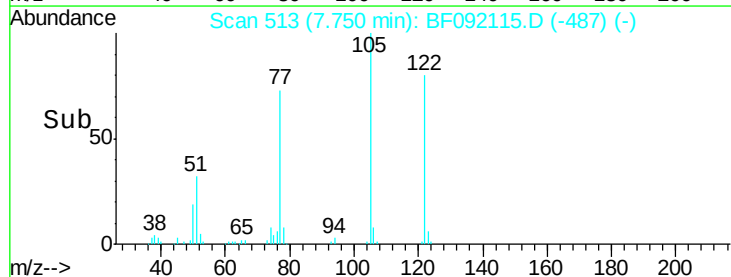
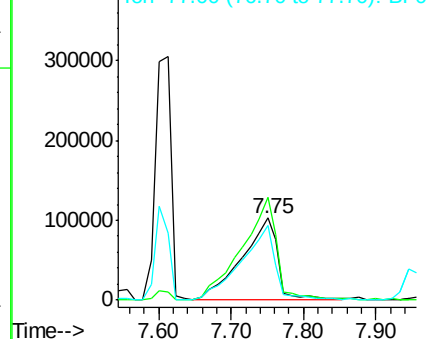
122 100

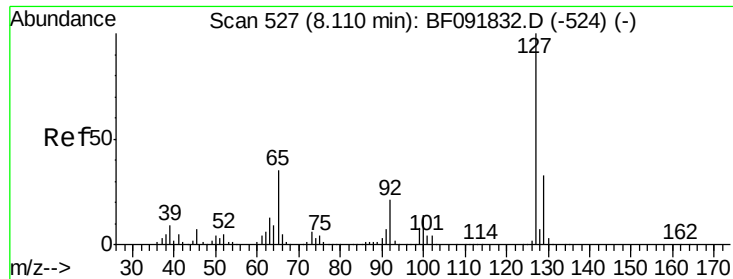
105 125.1 107.2 147.2

77 91.8 74.5 114.5



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





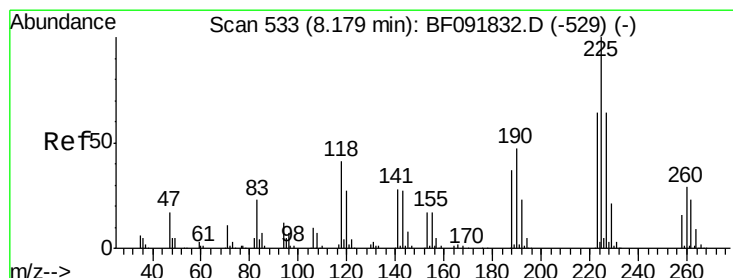
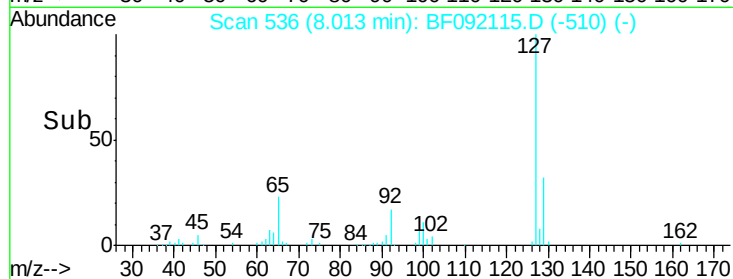
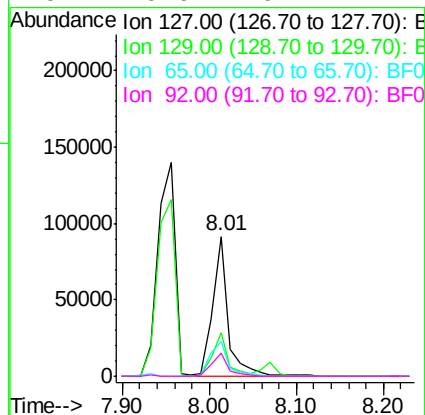
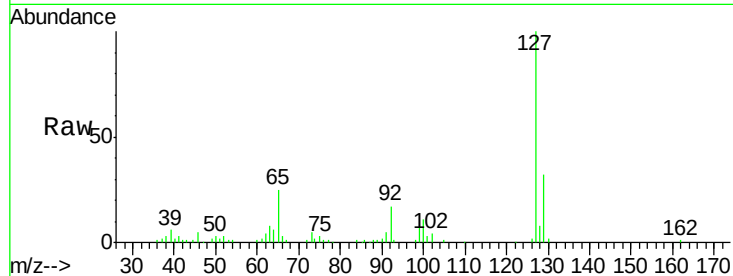
#33
4-Chloroaniline
Concen: 7.69 ng
RT: 8.01 min Scan# 536
Delta R.T. -0.00 min
Lab File: BF092115.D
Acq: 6 Jan 2017 14:24

Instrument :
BNA_F
ClientSampleId :
PB95798BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.6	26.3	39.5		
65	25.0	25.8	38.8		
92	16.9	16.1	24.1		

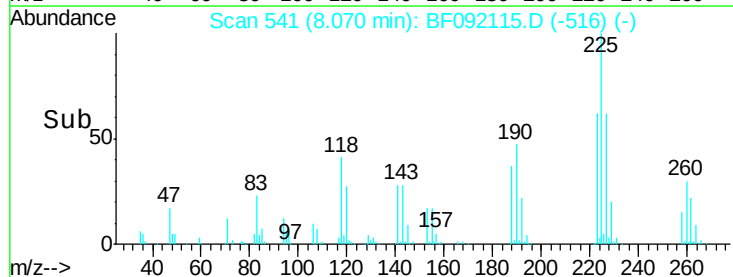
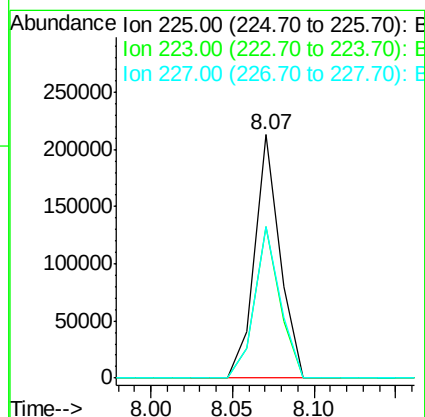
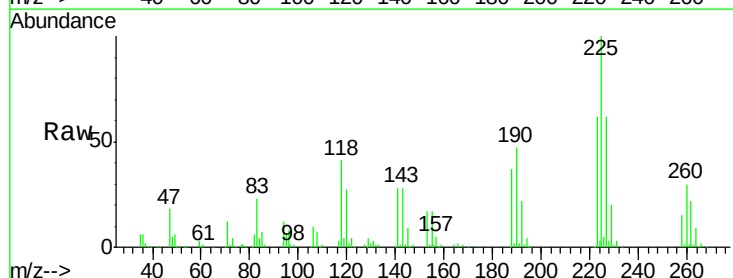
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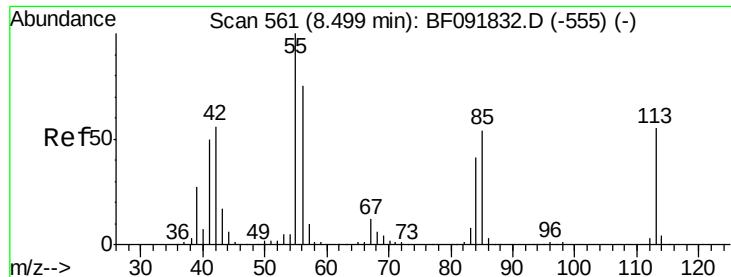
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#34
Hexachlorobutadiene
Concen: 40.96 ng
RT: 8.07 min Scan# 541
Delta R.T. -0.01 min
Lab File: BF092115.D
Acq: 6 Jan 2017 14:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.3	51.0	76.6		
227	62.0	50.6	76.0		





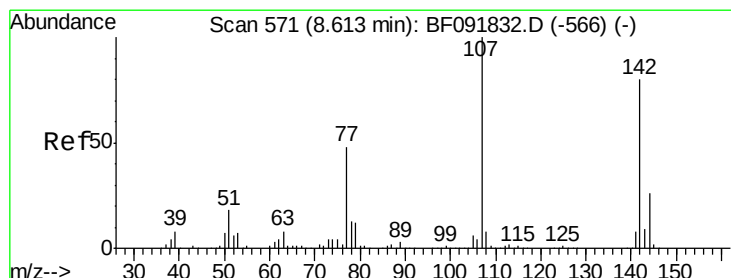
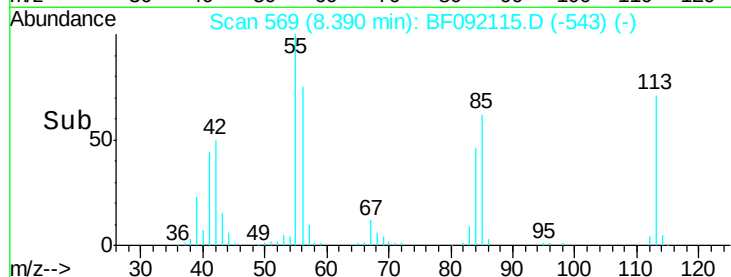
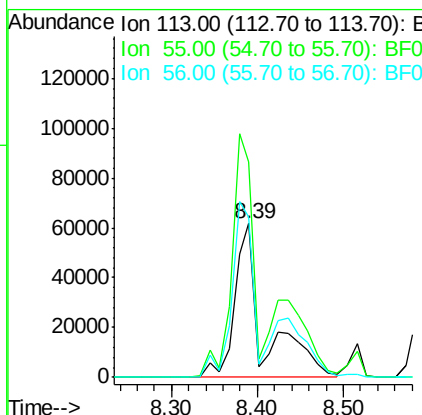
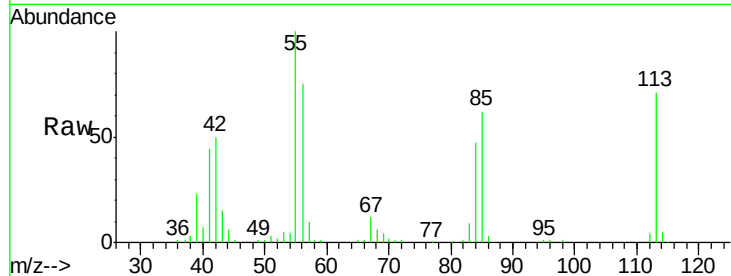
#35
 Caprolactam
 Concen: 45.97 ng/ml
 RT: 8.39 min Scan# 569
 Delta R.T. -0.00 min
 Lab File: BF092115.D
 Acq: 6 Jan 2017 14:24

Instrument :
 BNA_F
 ClientSampleID :
 PB95798BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	140.0	119.2	159.2
56	104.5	83.8	123.8

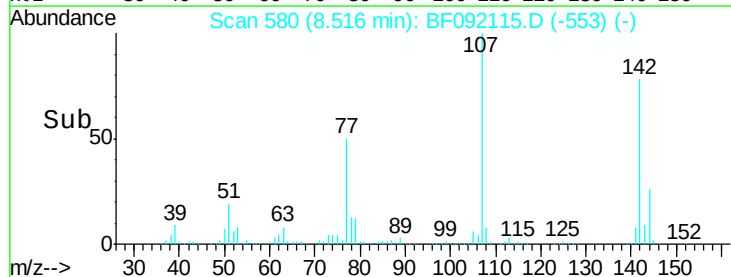
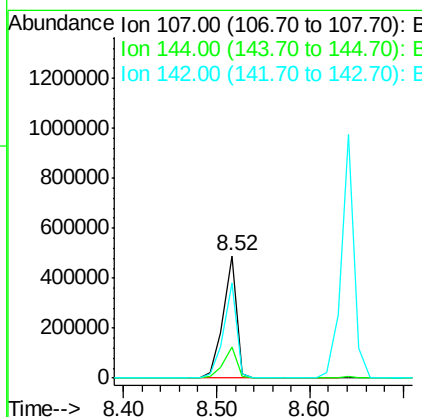
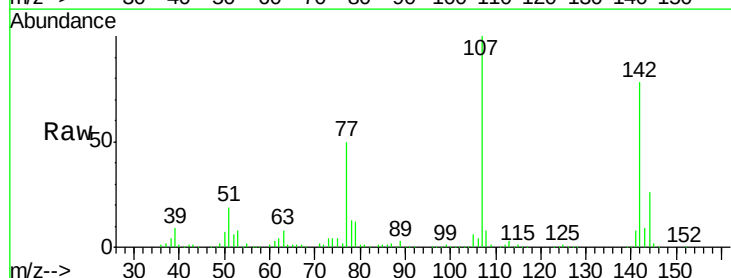
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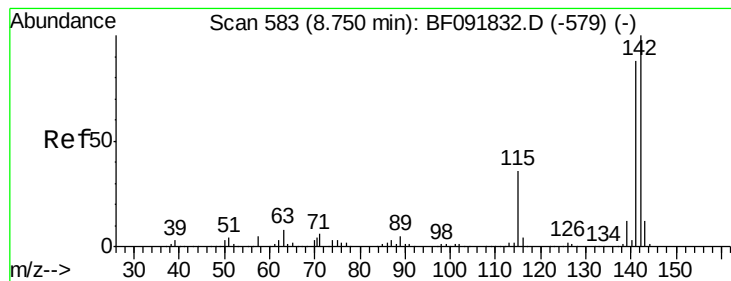
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#36
 4-Chloro-3-methylphenol
 Concen: 44.24 ng/ml
 RT: 8.52 min Scan# 580
 Delta R.T. 0.01 min
 Lab File: BF092115.D
 Acq: 6 Jan 2017 14:24

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.8	19.3	28.9
142	77.7	59.0	88.6





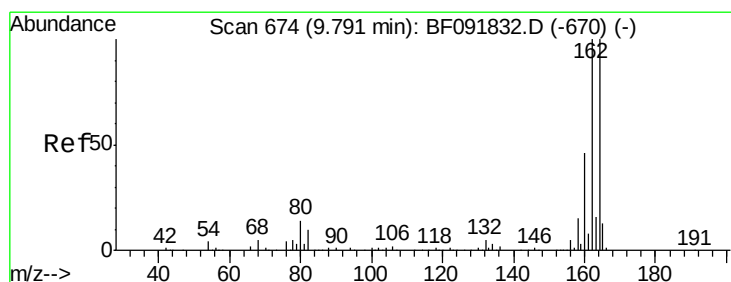
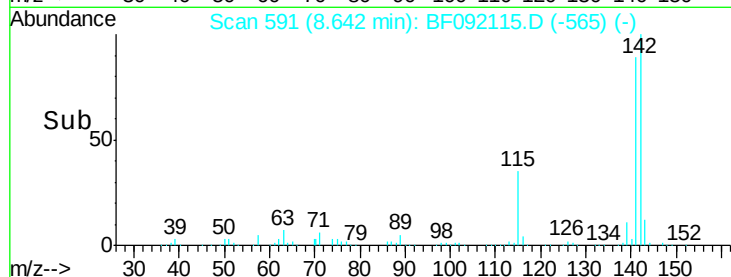
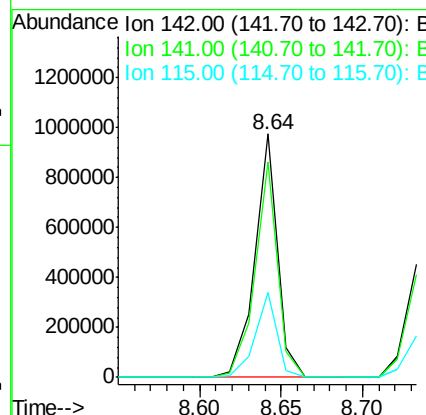
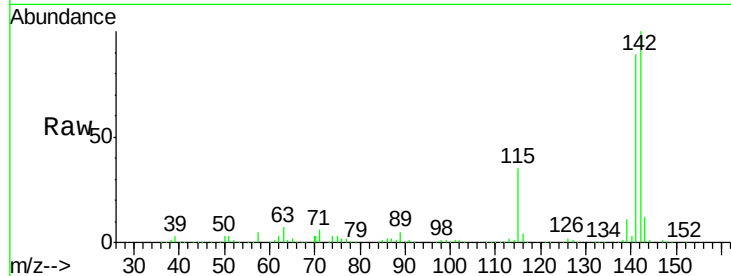
#37
2-Methylnaphthalene
Concen: 47.04 ng
RT: 8.64 min Scan# 591
Delta R.T. -0.00 min
Lab File: BF092115.D
Acq: 6 Jan 2017 14:24

Instrument :
BNA_F
ClientSampleId :
PB95798BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.0	106.6
115	34.8	28.3	42.5

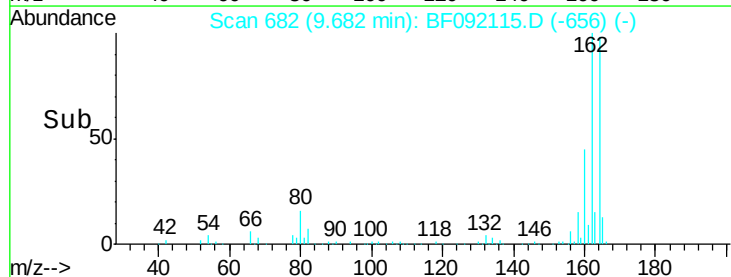
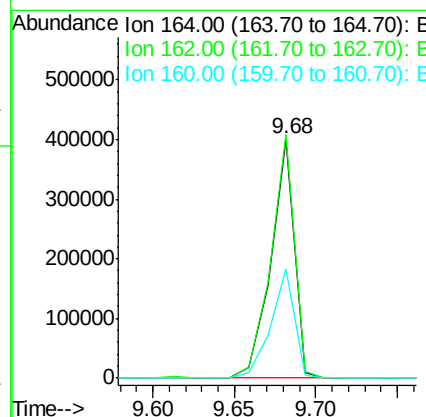
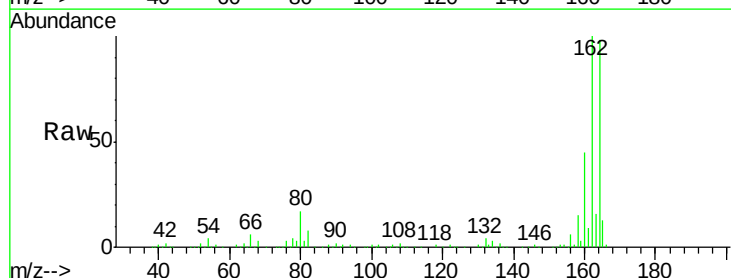
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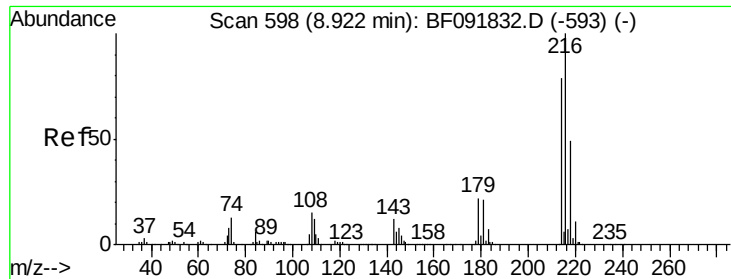
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.68 min Scan# 682
Delta R.T. -0.00 min
Lab File: BF092115.D
Acq: 6 Jan 2017 14:24

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.1	80.2	120.2
160	46.0	36.9	55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.71 ng

RT: 8.81 min Scan# 606

Delta R.T. -0.00 min

Lab File: BF092115.D

Acq: 6 Jan 2017 14:24

Instrument :

BNA_F

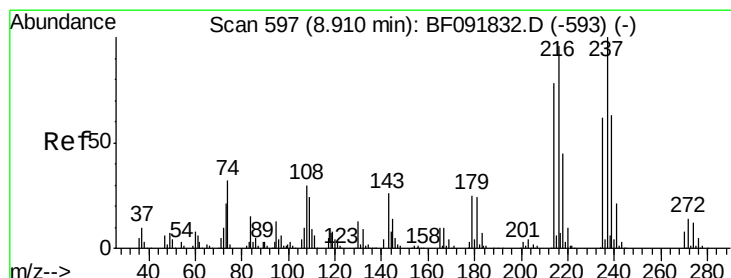
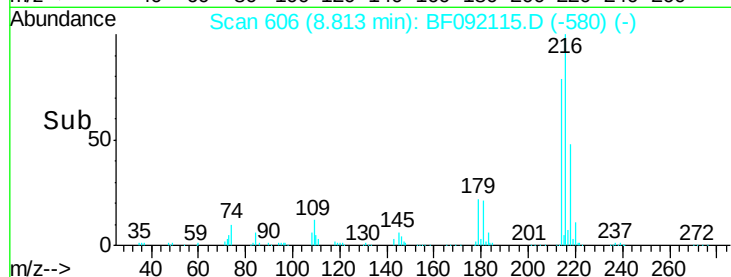
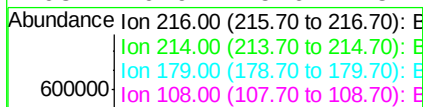
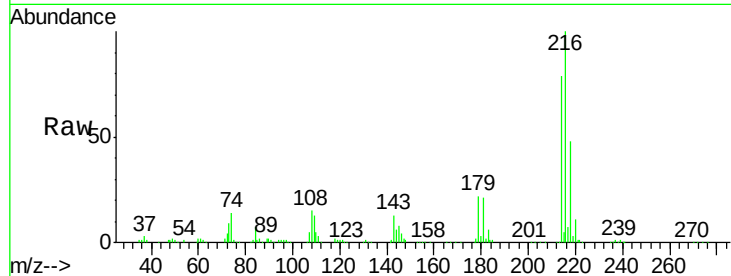
ClientSampleId :

PB95798BS

Tot Ion:	216	Resp:	422384
Ion Ratio		Lower	Upper
216	100		
214	79.3	63.4	95.0
179	22.5	17.4	26.2
108	20.9	15.6	23.4

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#40

Hexachlorocyclopentadiene

Concen: 85.72 ng

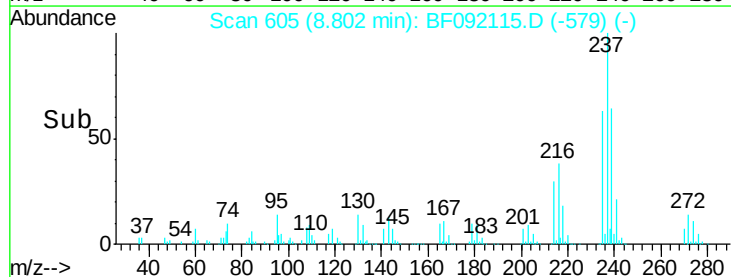
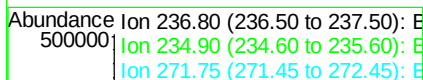
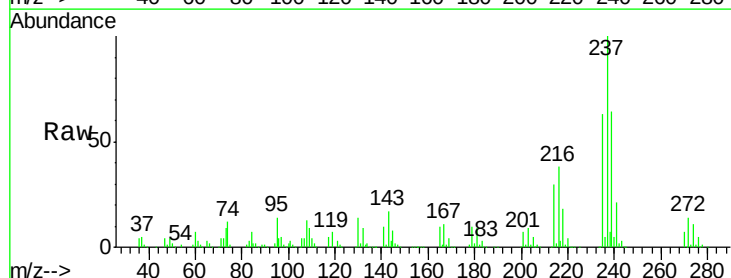
RT: 8.80 min Scan# 605

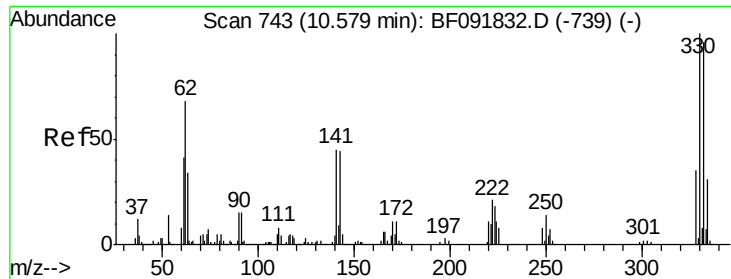
Delta R.T. -0.00 min

Lab File: BF092115.D

Acq: 6 Jan 2017 14:24

Tgt Ion:	237	Resp:	387885
Ion Ratio		Lower	Upper
237	100		
235	62.9	41.2	81.2
272	14.0	0.0	35.4





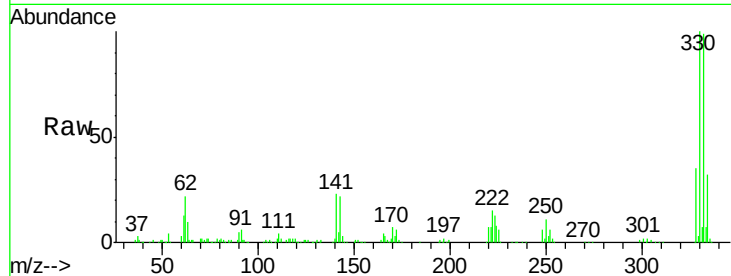
#41
 2,4,6-Tribromophenol
 Concen: 74.94 ng
 RT: 10.47 min Scan# 751
 Delta R.T. -0.00 min
 Lab File: BF092115.D
 Acq: 6 Jan 2017 14:24

Instrument :
 BNA_F
 ClientSampleId :
 PB95798BS

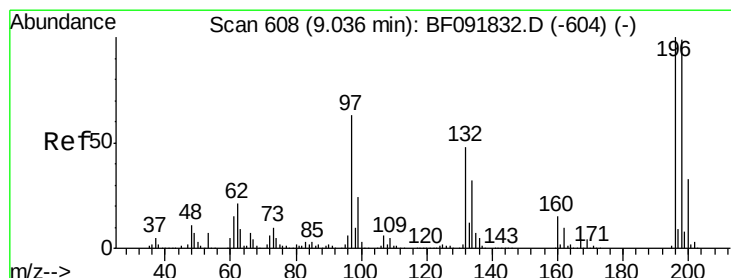
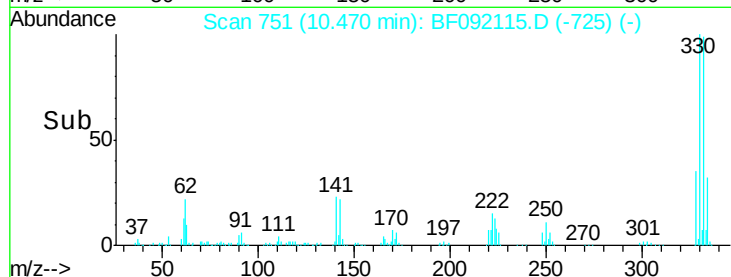
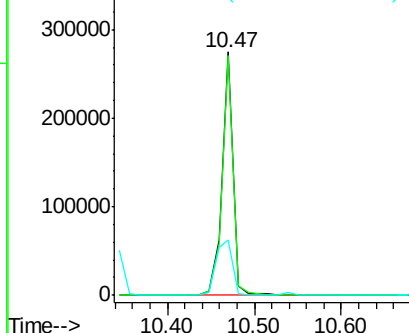
Tot Ion	Ratio	Resp	Lower	Upper
330	100	248559		
332	98.0		77.4	116.2
141	34.2		34.1	51.1

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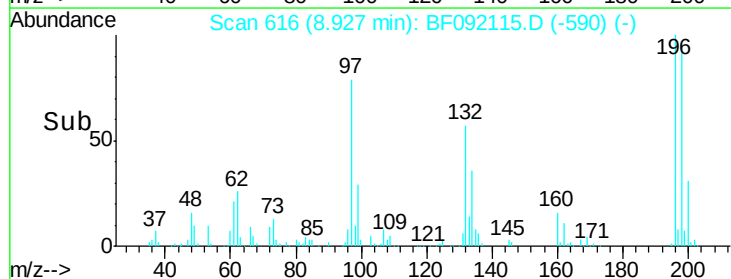
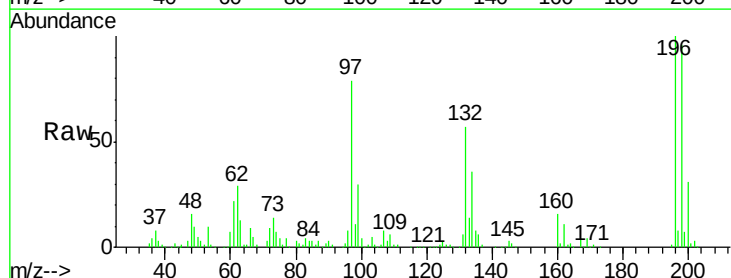
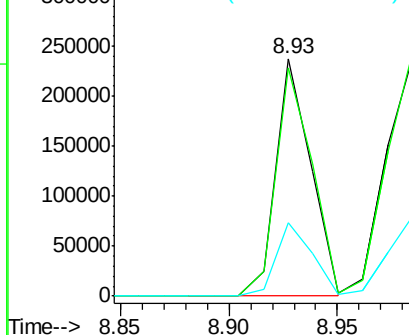
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

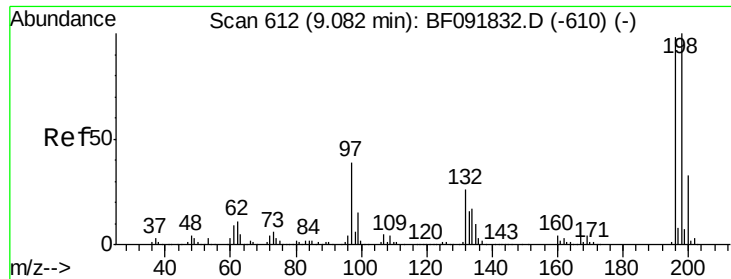


#42
 2,4,6-Trichlorophenol
 Concen: 37.84 ng
 RT: 8.93 min Scan# 616
 Delta R.T. -0.00 min
 Lab File: BF092115.D
 Acq: 6 Jan 2017 14:24

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	267950		
198	96.4		82.1	123.1
200	31.0		27.0	40.4

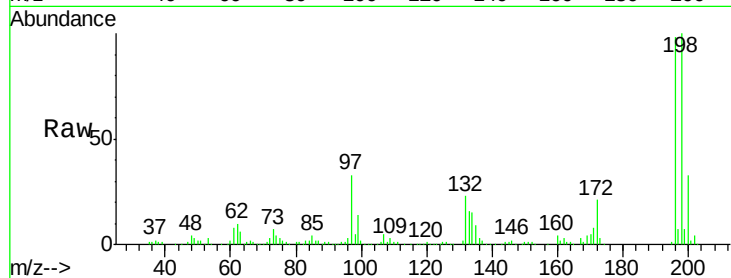
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





#43
 2,4,5-Trichlorophenol
 Concen: 39.55 ng
 RT: 8.98 min Scan# 621
 Delta R.T. 0.01 min
 Lab File: BF092115.D
 Acq: 6 Jan 2017 14:24

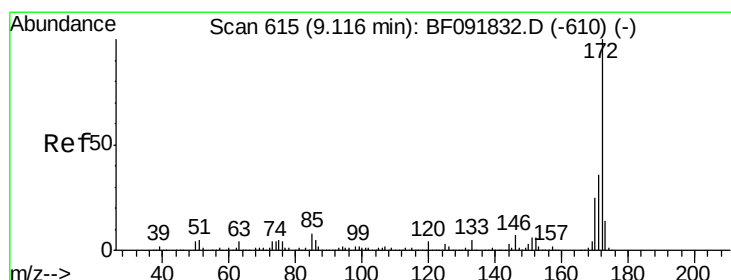
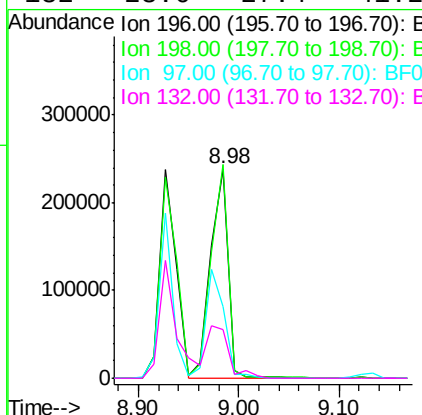
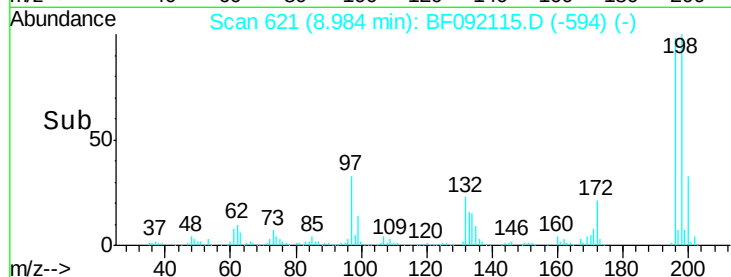
Instrument :
 BNA_F
 ClientSampled :
 PB95798BS



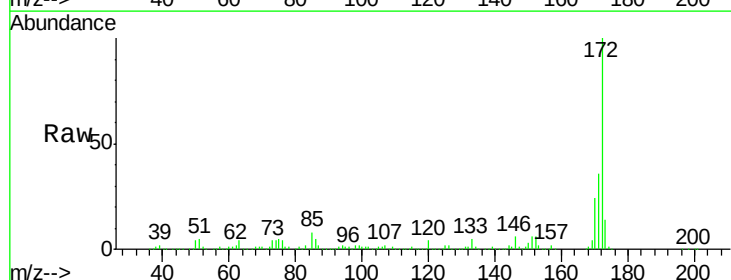
Tot Ion	Ratio	Resp	Lower	Upper
196	100	288212		
198	102.3	79.4	119.2	
97	34.1	51.5	77.3	
132	23.6	27.4	41.2	

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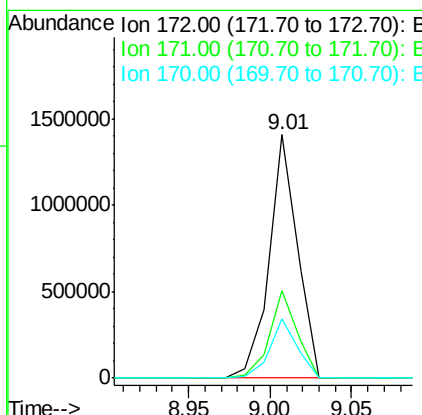
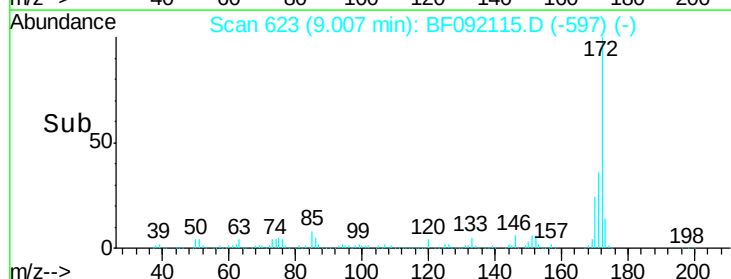
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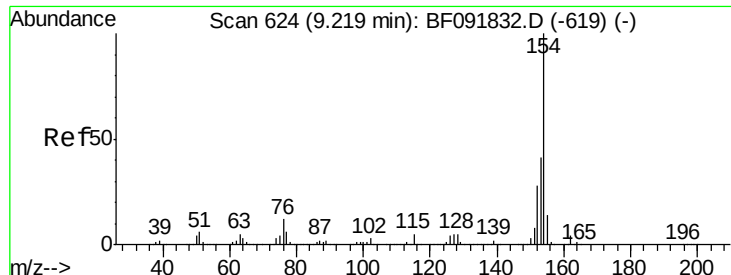


#44
 2-Fluorobiphenyl
 Concen: 86.90 ng
 RT: 9.01 min Scan# 623
 Delta R.T. -0.00 min
 Lab File: BF092115.D
 Acq: 6 Jan 2017 14:24



Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1694075		
171	36.1	29.4	44.0	
170	24.3	20.2	30.4	





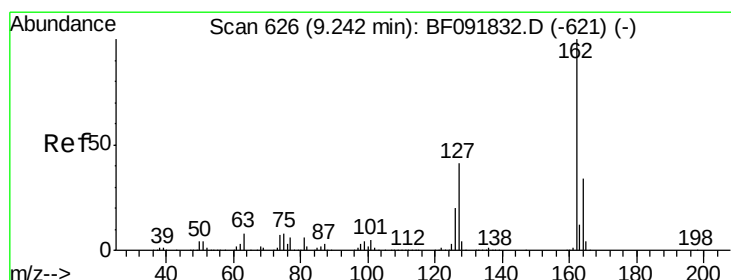
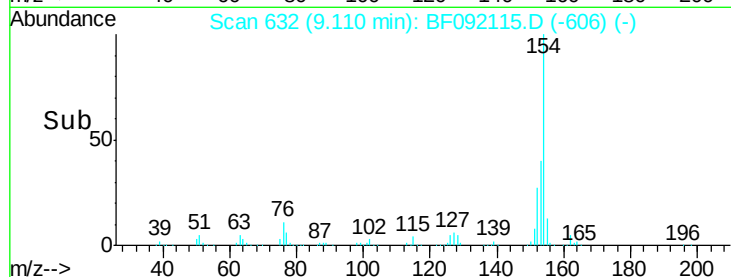
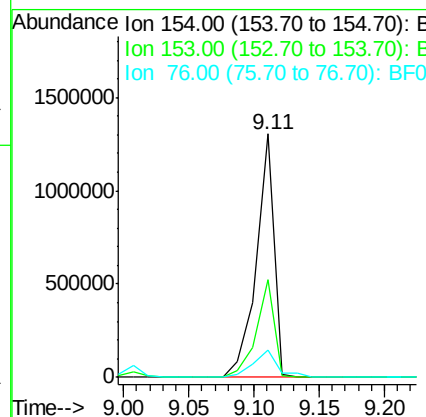
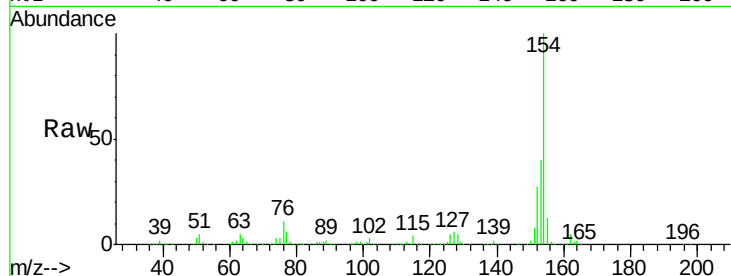
#45
 1,1'-Biphenyl
 Concen: 45.21 ng
 RT: 9.11 min Scan# 632
 Delta R.T. -0.00 min
 Lab File: BF092115.D
 Acq: 6 Jan 2017 14:24

Instrument :
 BNA_F
 ClientSampleId :
 PB95798BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.1	20.9	60.9
76	11.4	0.0	30.5

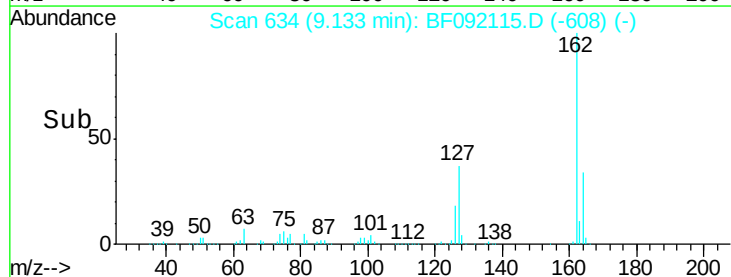
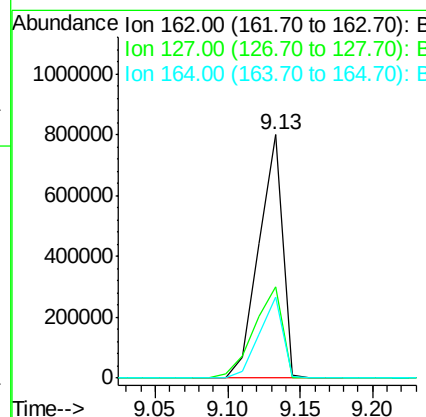
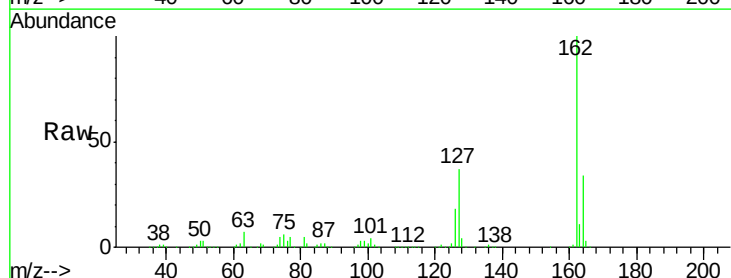
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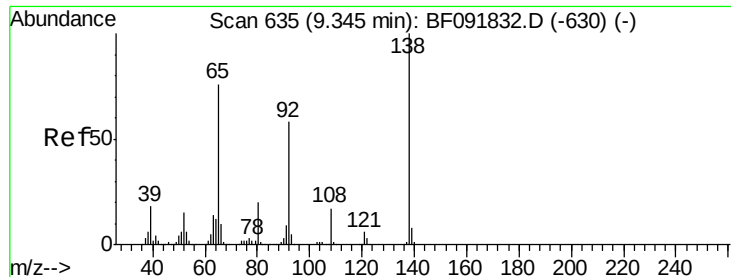
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#46
 2-Chloronaphthalene
 Concen: 41.95 ng
 RT: 9.13 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: BF092115.D
 Acq: 6 Jan 2017 14:24

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.3	30.7	46.1
164	33.5	27.6	41.4





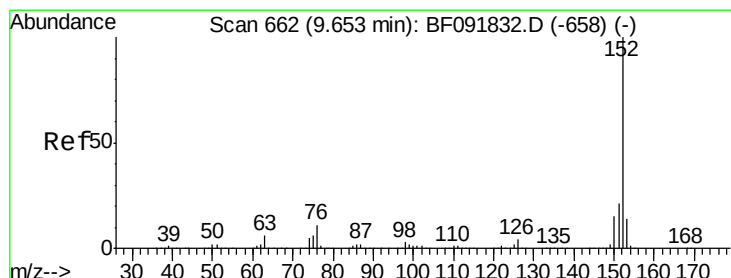
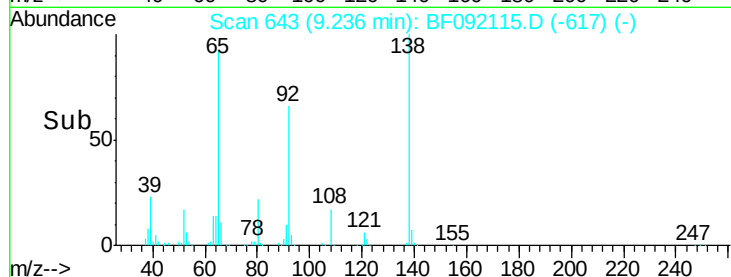
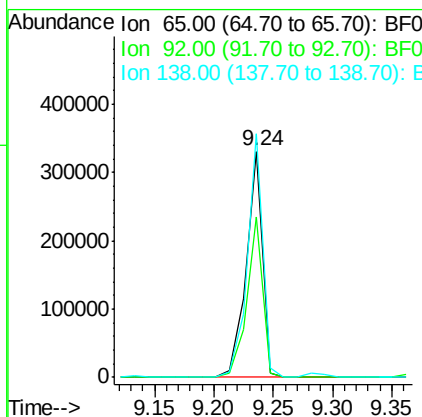
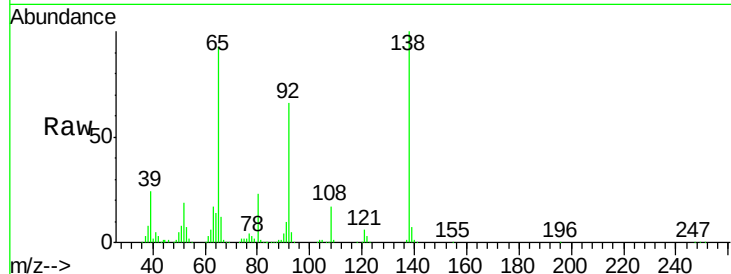
#47
2-Nitroaniline
Concen: 41.18 ng
RT: 9.24 min Scan# 643
Delta R.T. -0.00 min
Lab File: BF092115.D
Acq: 6 Jan 2017 14:24

Instrument :
BNA_F
ClientSampleId :
PB95798BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	70.7	53.9	80.9
138	107.6	76.8	115.2

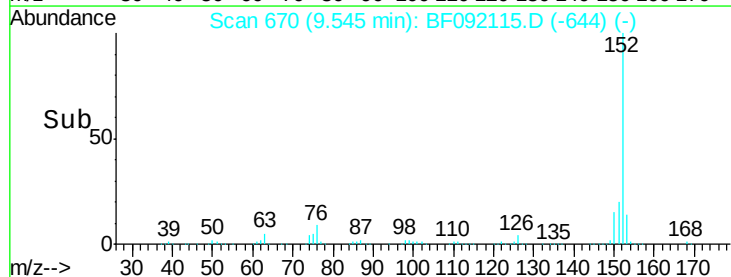
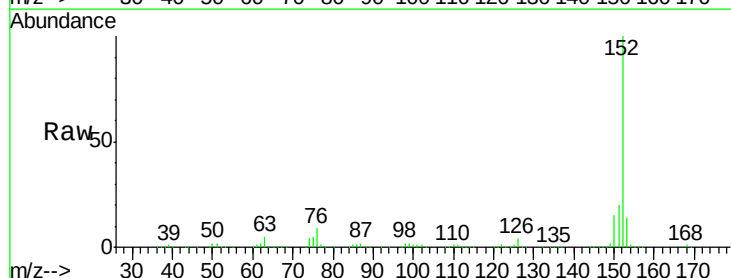
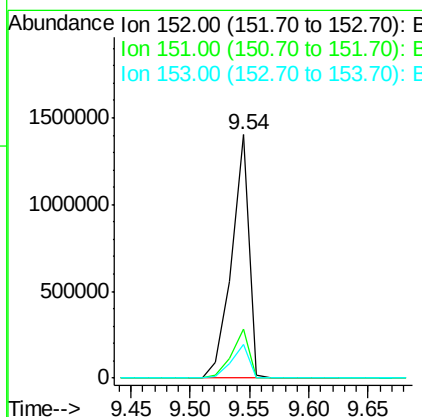
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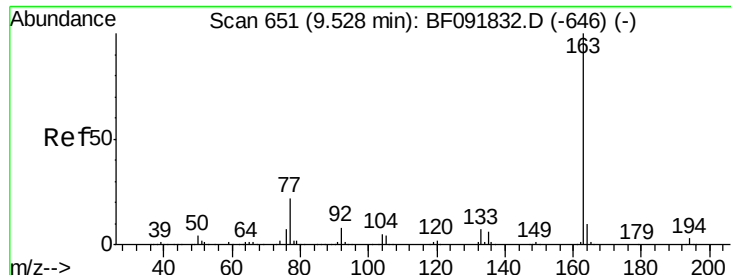
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#48
Acenaphthylene
Concen: 42.68 ng
RT: 9.54 min Scan# 670
Delta R.T. -0.00 min
Lab File: BF092115.D
Acq: 6 Jan 2017 14:24

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.9	25.3
153	13.9	11.4	17.2





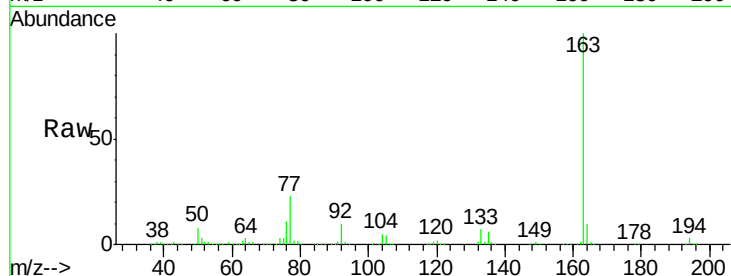
#49
Dimethylphthalate
Concen: 39.82 ng
RT: 9.42 min Scan# 659
Delta R.T. -0.00 min
Lab File: BF092115.D
Acq: 6 Jan 2017 14:24

Instrument :
BNA_F
ClientSampleId :
PB95798BS

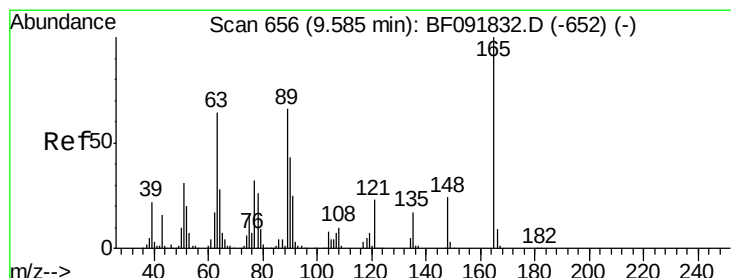
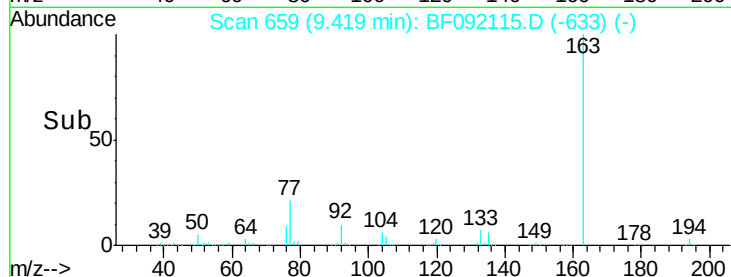
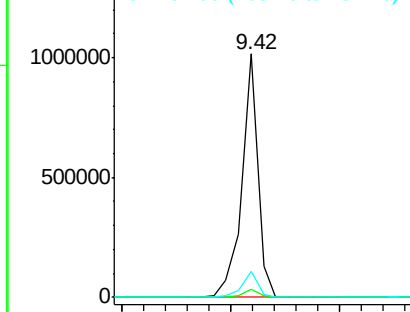
Tot Ion:163 Resp: 1020651
Ion Ratio Lower Upper
163 100
194 3.2 3.0 4.4
164 10.4 8.0 12.0

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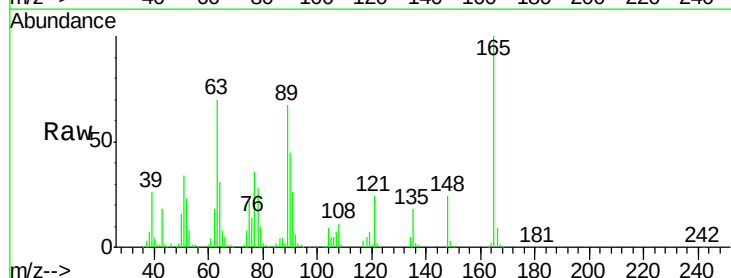


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

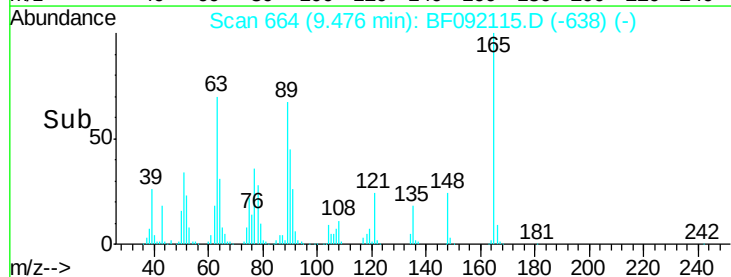
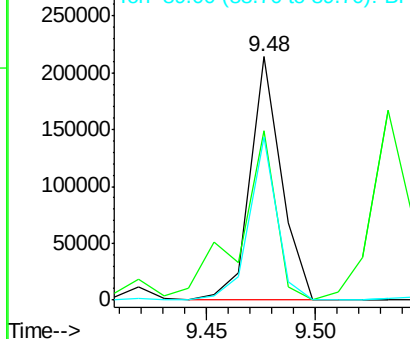


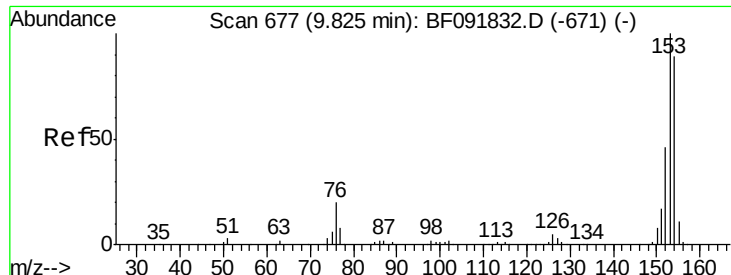
#50
2,6-Dinitrotoluene
Concen: 38.00 ng
RT: 9.48 min Scan# 664
Delta R.T. -0.00 min
Lab File: BF092115.D
Acq: 6 Jan 2017 14:24

Tgt Ion:165 Resp: 213183
Ion Ratio Lower Upper
165 100
63 69.8 36.2 54.4#
89 66.8 40.2 60.4#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 40.20 ng

RT: 9.72 min Scan# 685

Delta R.T. -0.00 min

Lab File: BF092115.D

Acq: 6 Jan 2017 14:24

Instrument :

BNA_F

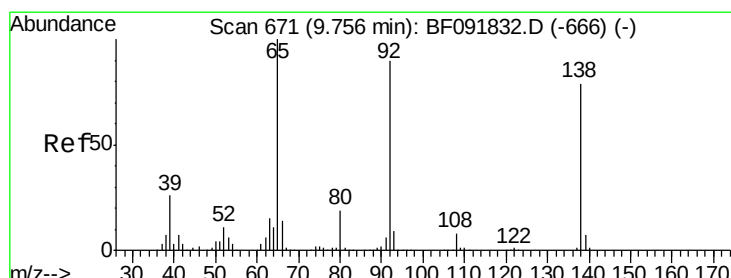
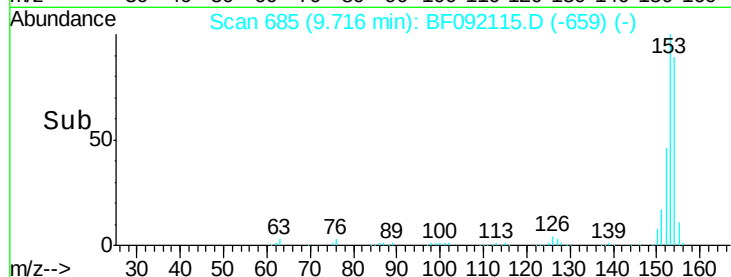
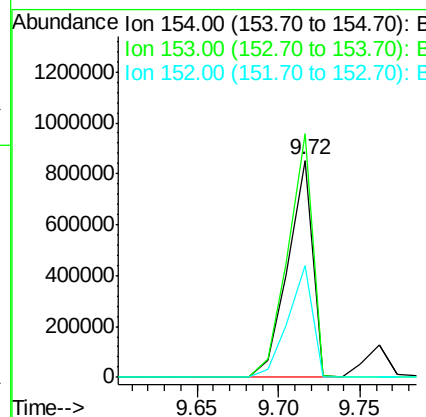
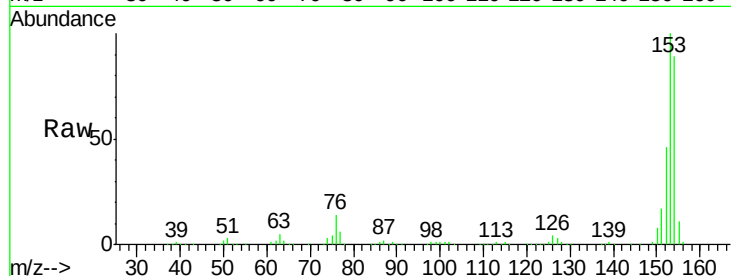
ClientSampled :

PB95798BS

Tot Ion:	154	Resp:	910818
Ion Ratio	Lower	Upper	
154	100		
153	112.3	88.6	133.0
152	51.5	41.6	62.4

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#52

3-Nitroaniline

Concen: 13.65 ng

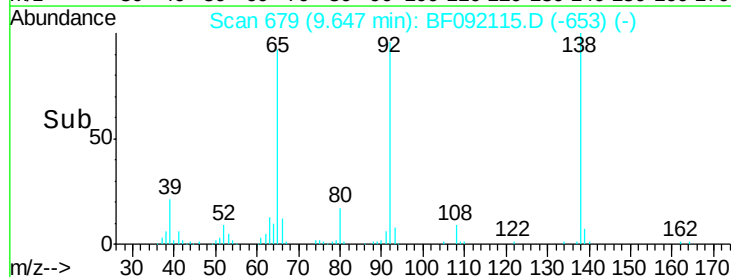
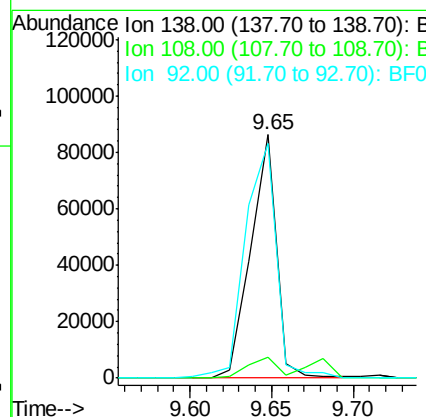
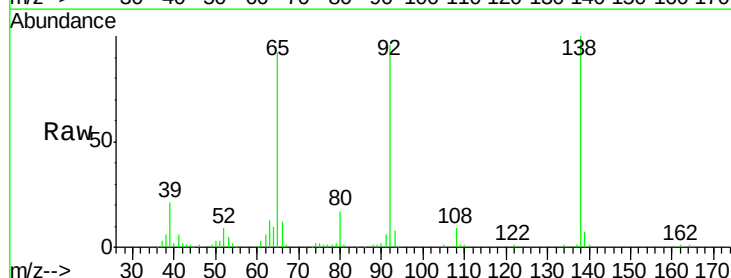
RT: 9.65 min Scan# 679

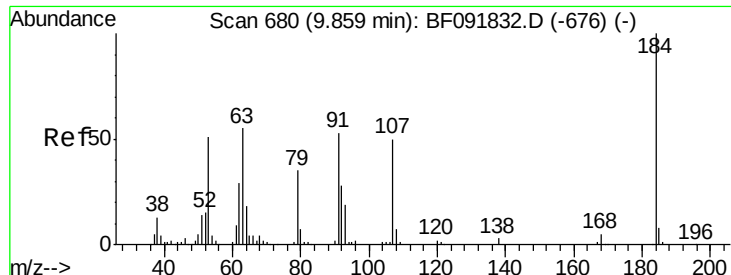
Delta R.T. -0.00 min

Lab File: BF092115.D

Acq: 6 Jan 2017 14:24

Tgt Ion:	138	Resp:	94756
Ion Ratio	Lower	Upper	
138	100		
108	8.8	8.5	12.7
92	96.4	97.8	146.8#





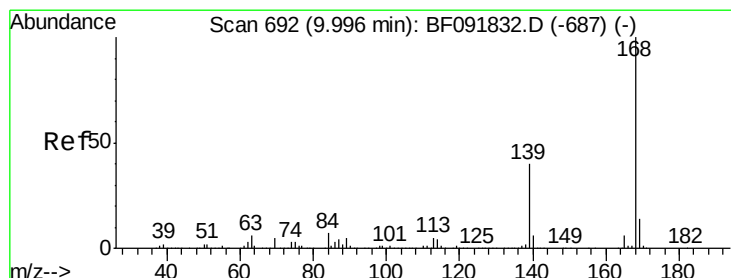
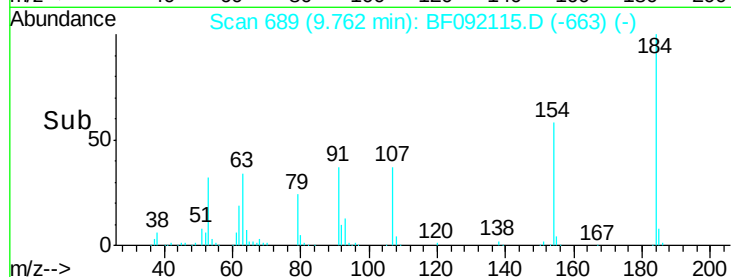
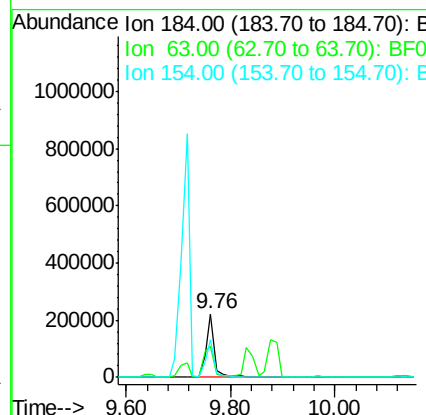
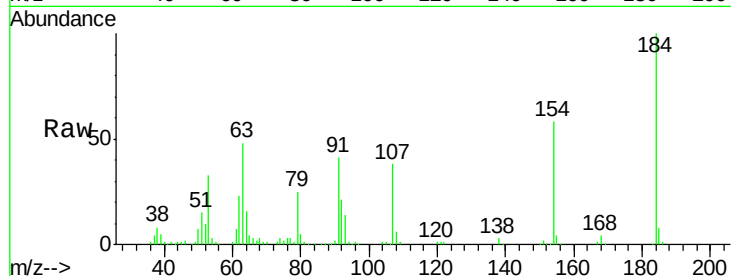
#53
2,4-Dinitrophenol
Concen: 82.43 ng
RT: 9.76 min Scan# 689
Delta R.T. -0.00 min
Lab File: BF092115.D
Acq: 6 Jan 2017 14:24

Instrument :
BNA_F
ClientSampleId :
PB95798BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	257316		
63	48.3		28.4	42.6#
154	58.3		44.3	66.5

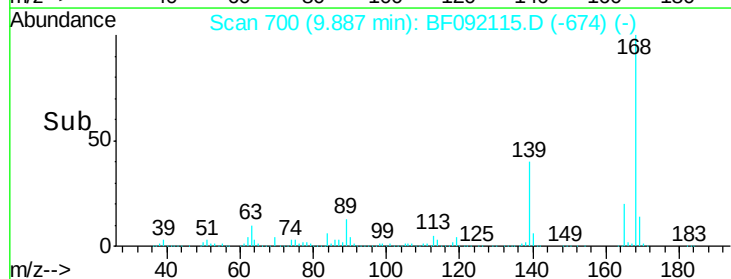
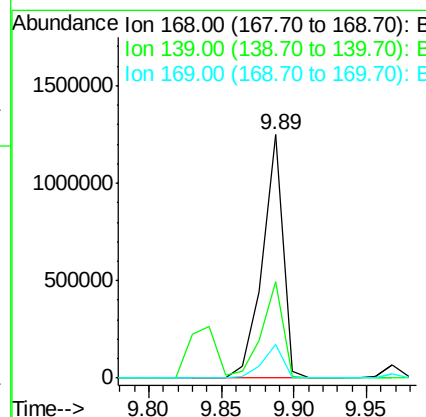
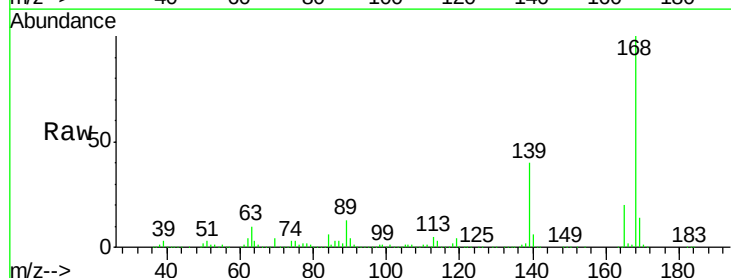
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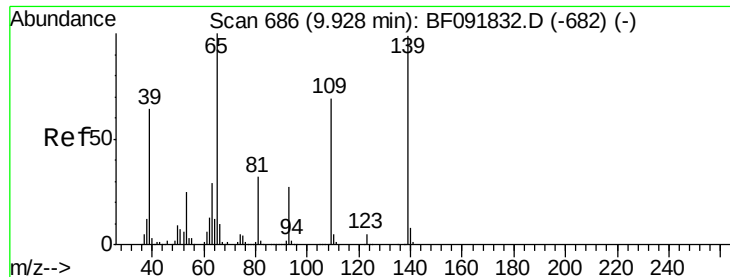
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#54
Dibenzofuran
Concen: 40.02 ng
RT: 9.89 min Scan# 700
Delta R.T. -0.00 min
Lab File: BF092115.D
Acq: 6 Jan 2017 14:24

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1224583		
139	39.6		32.6	49.0
169	13.6		11.3	16.9





#55

4-Nitrophenol

Concen: 74.48 ng

RT: 9.84 min Scan# 696

Delta R.T. 0.01 min

Lab File: BF092115.D

Acq: 6 Jan 2017 14:24

Instrument :

BNA_F

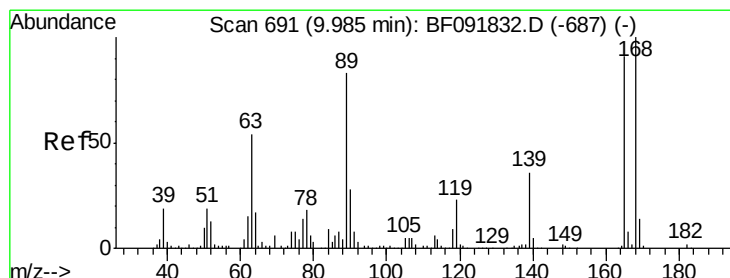
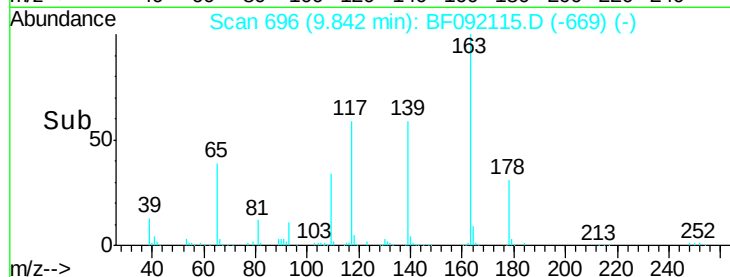
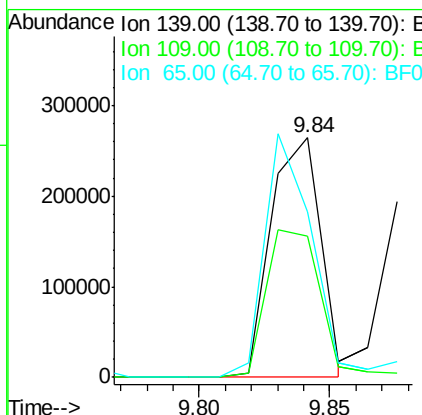
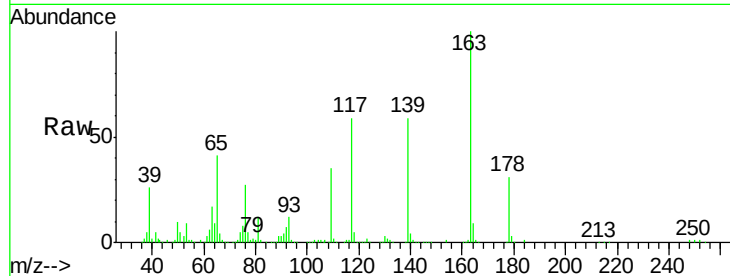
ClientSampled :

PB95798BS

Tot Ion:	139	Resp:	351144
Ion Ratio	Lower	Upper	
139	100		
109	59.0	52.2	92.2
65	69.0	85.8	125.8

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#56

2,4-Dinitrotoluene

Concen: 43.26 ng

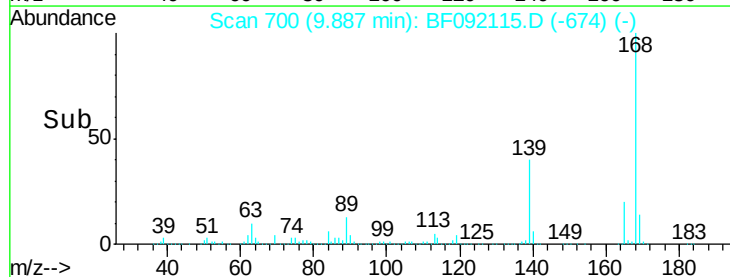
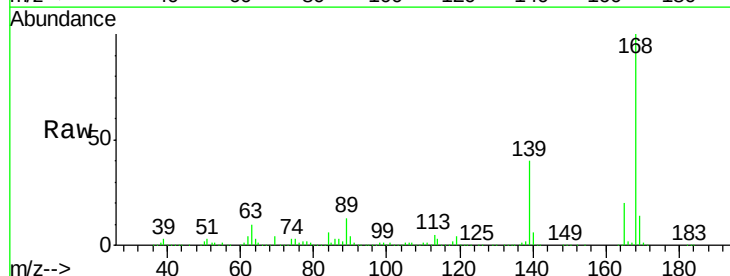
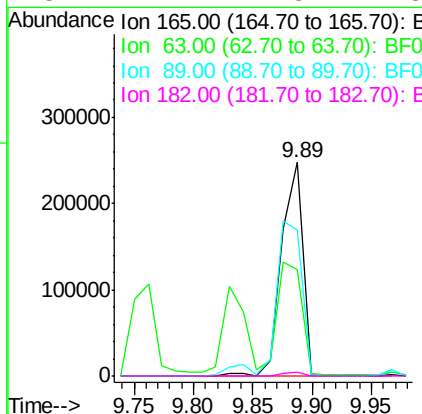
RT: 9.89 min Scan# 700

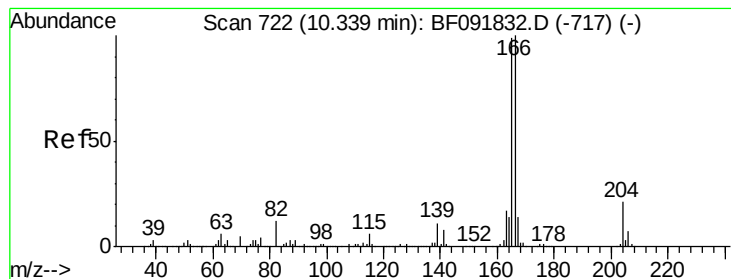
Delta R.T. -0.00 min

Lab File: BF092115.D

Acq: 6 Jan 2017 14:24

Tgt Ion:	165	Resp:	304630
Ion Ratio	Lower	Upper	
165	100		
63	50.0	40.2	60.4
89	68.0	62.5	93.7
182	2.1	1.8	2.8





#57

Fluorene

Concen: 43.58 ng

RT: 10.23 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF092115.D

Acq: 6 Jan 2017 14:24

Instrument :

BNA_F

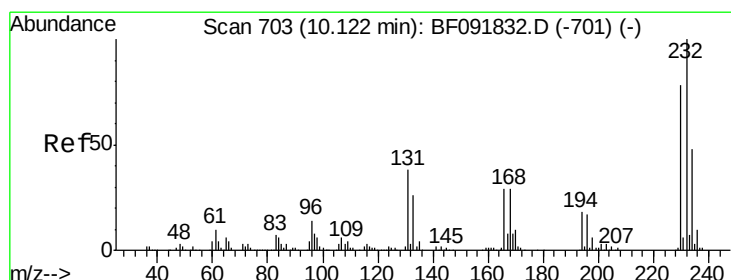
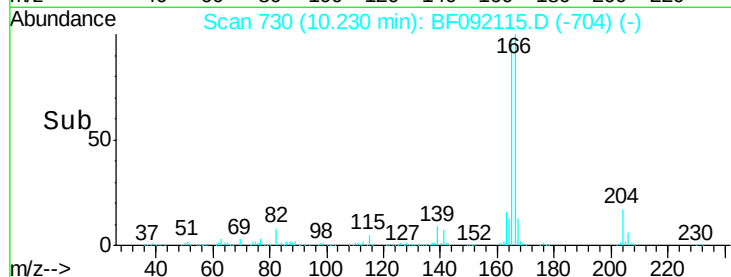
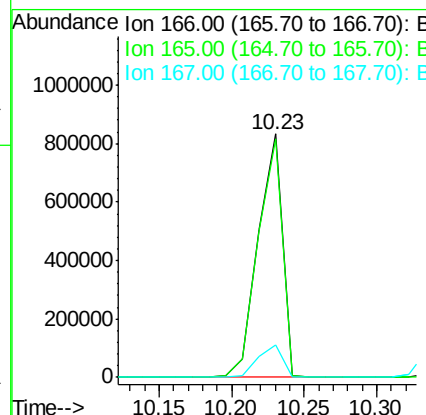
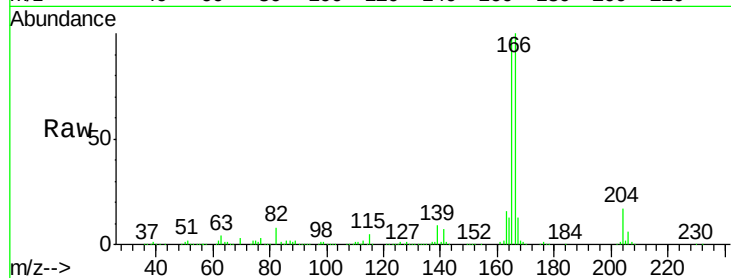
ClientSampleId :

PB95798BS

Tot Ion:	166	Resp:	970126
Ion Ratio	Lower	Upper	
166	100		
165	98.2	77.8	116.8
167	13.1	10.8	16.2

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#58

2,3,4,6-Tetrachlorophenol

Concen: 43.51 ng

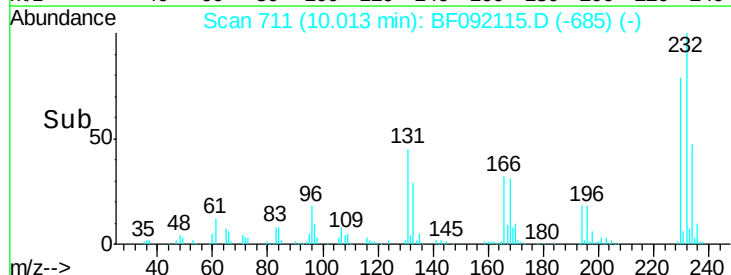
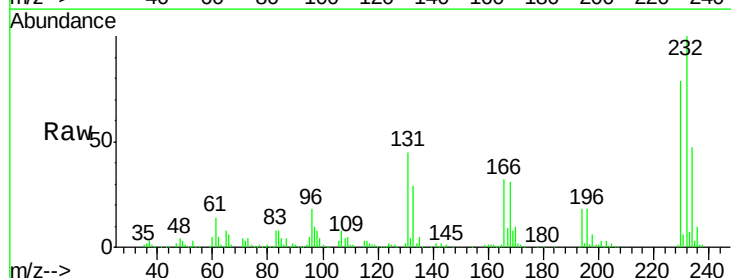
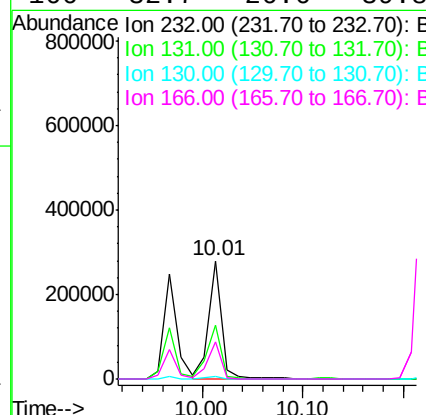
RT: 10.01 min Scan# 711

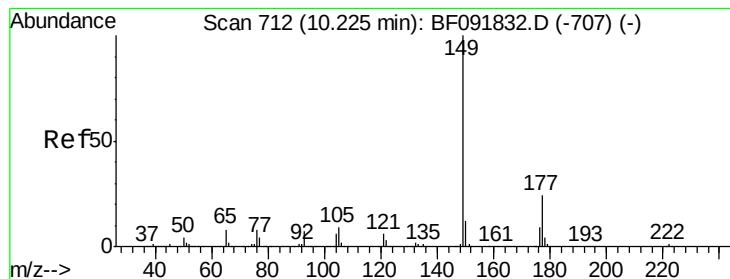
Delta R.T. -0.00 min

Lab File: BF092115.D

Acq: 6 Jan 2017 14:24

Tgt Ion:	232	Resp:	250769
Ion Ratio	Lower	Upper	
232	100		
131	49.8	40.1	60.1
130	2.3	1.8	2.8
166	32.7	26.6	39.8





#59

Diethylphthalate

Concen: 41.81 ng

RT: 10.12 min Scan# 720

Delta R.T. -0.00 min

Lab File: BF092115.D

Acq: 6 Jan 2017 14:24

Instrument :

BNA_F

ClientSampled :

PB95798BS

Tot Ion:149 Resp: 1040895

Ion Ratio Lower Upper

149 100

177 21.6 16.6 25.0

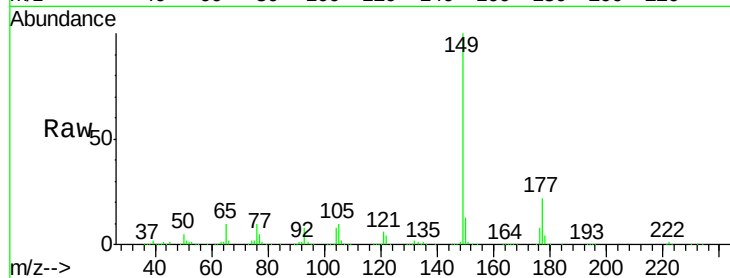
150 12.6 10.4 15.6

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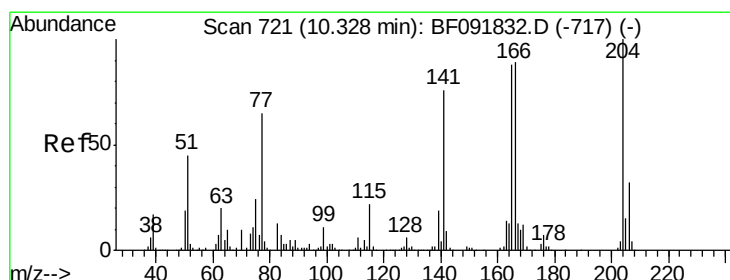
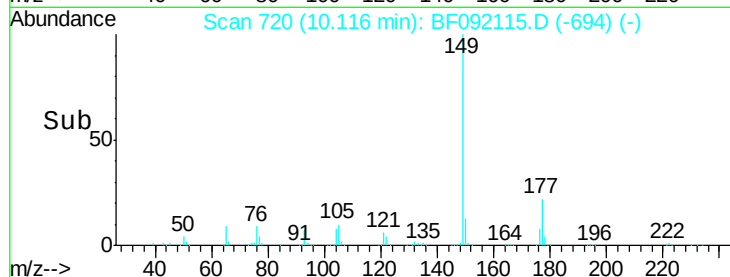
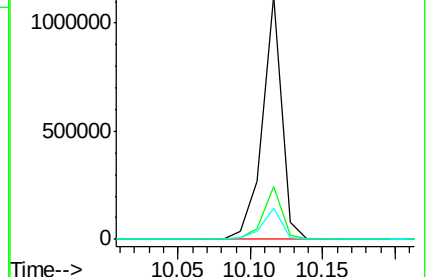
1/9/2017 10:47:36 AM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 40.59 ng

RT: 10.22 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF092115.D

Acq: 6 Jan 2017 14:24

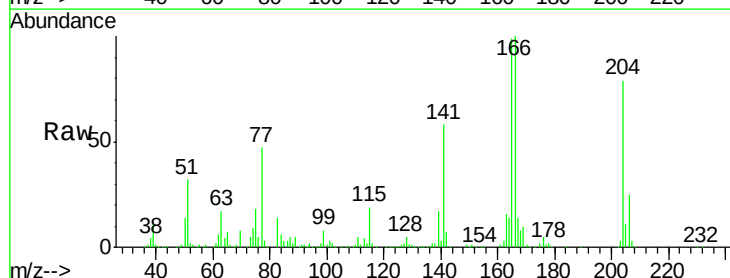
Tgt Ion:204 Resp: 395683

Ion Ratio Lower Upper

204 100

206 32.4 25.8 38.6

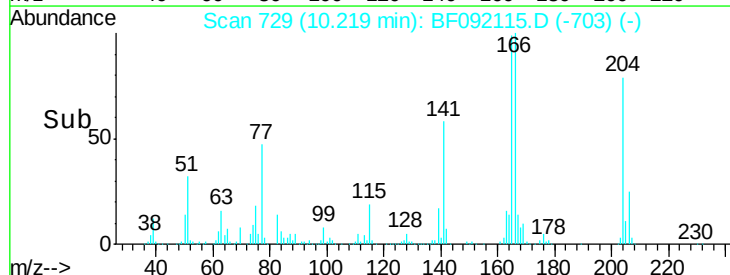
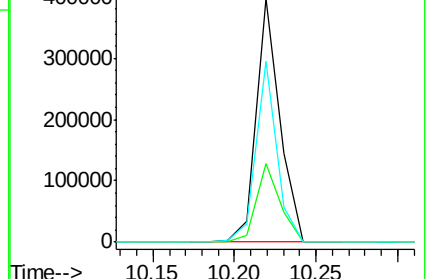
141 74.4 59.4 89.0

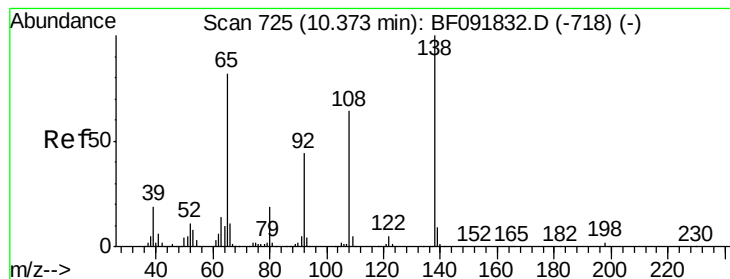


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 37.85 ng

RT: 10.26 min Scan# 733

Delta R.T. -0.00 min

Lab File: BF092115.D

Acq: 6 Jan 2017 14:24

Instrument :

BNA_F

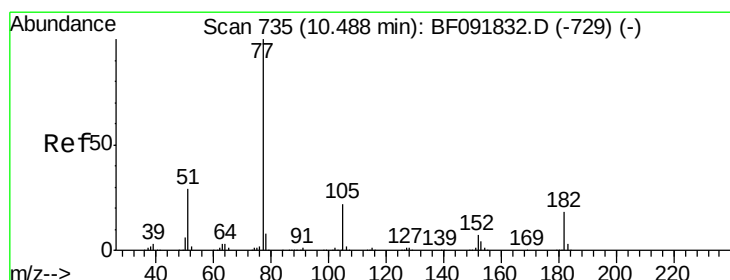
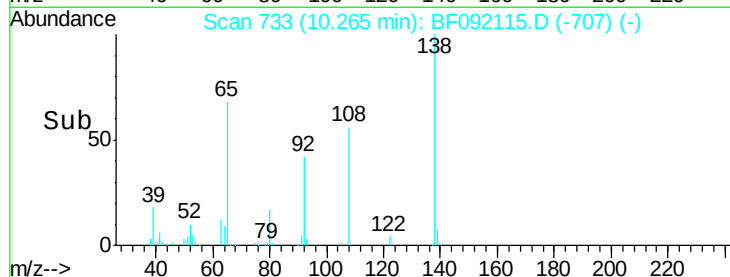
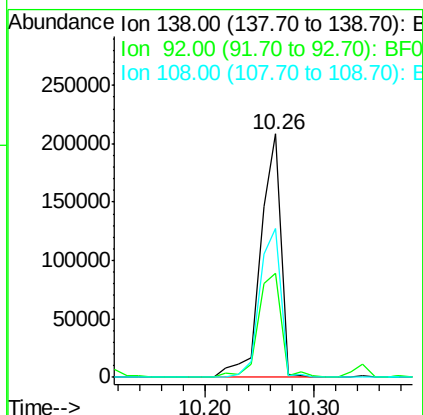
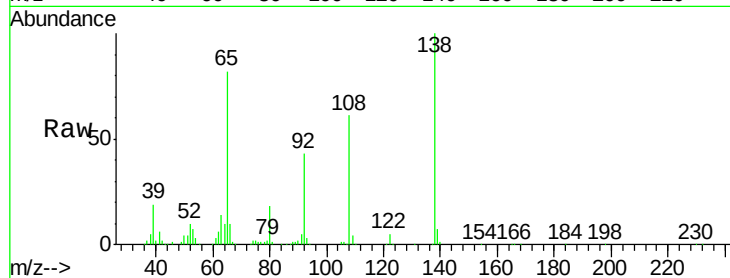
ClientSampled :

PB95798BS

Tot Ion:	138	Resp:	272341
Ion Ratio	Lower	Upper	
138	100		
92	42.7	31.7	71.7
108	61.1	52.6	92.6

Manual Integrations
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#62

Azobenzene

Concen: 41.67 ng

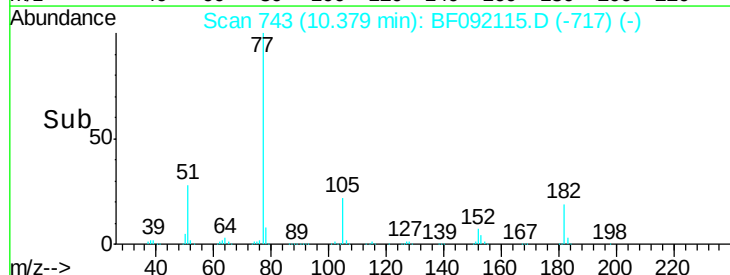
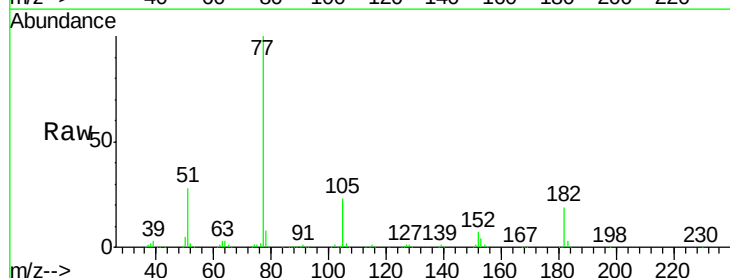
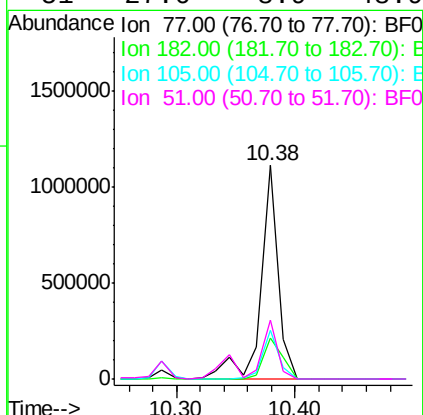
RT: 10.38 min Scan# 743

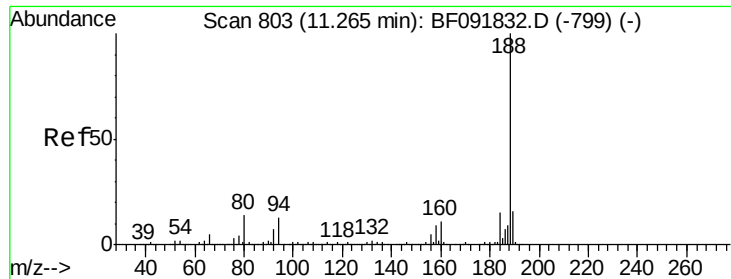
Delta R.T. -0.00 min

Lab File: BF092115.D

Acq: 6 Jan 2017 14:24

Tgt Ion:	77	Resp:	1141986
Ion Ratio	Lower	Upper	
77	100		
182	19.4	0.0	39.3
105	22.5	2.3	42.3
51	27.6	8.9	48.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.16 min Scan# 811

Delta R.T. -0.00 min

Lab File: BF092115.D

Acq: 6 Jan 2017 14:24

Instrument :

BNA_F

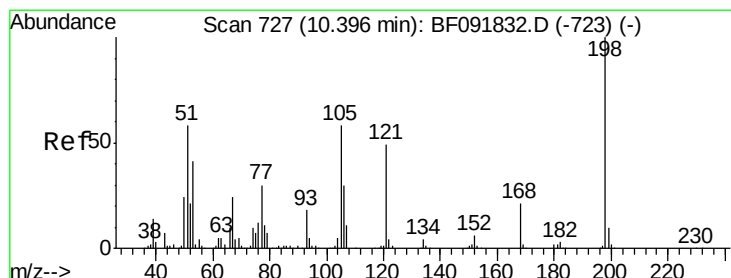
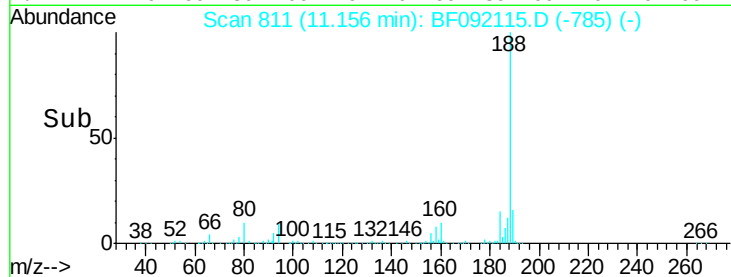
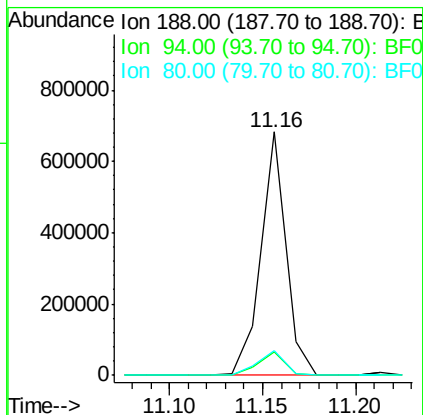
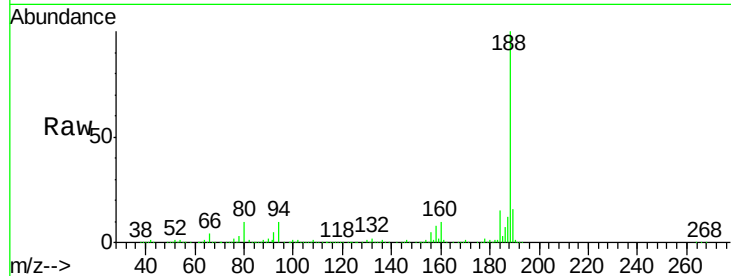
ClientSampleId :

PB95798BS

Tot Ion:188	Resp: 632311
Ion Ratio	Lower Upper
188 100	
94 9.7	10.0 15.0#
80 10.3	11.2 16.8#

Manual Integrations
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1/9/2017 10:47:36 AM



#64

4,6-Dinitro-2-methylphenol

Concen: 41.42 ng

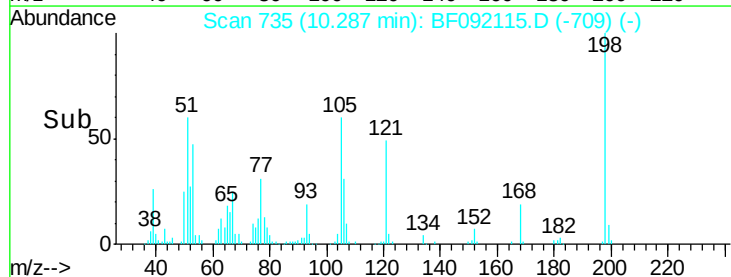
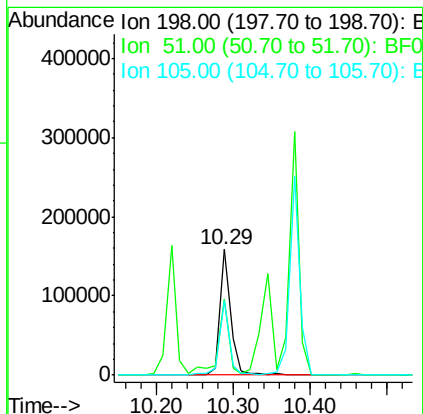
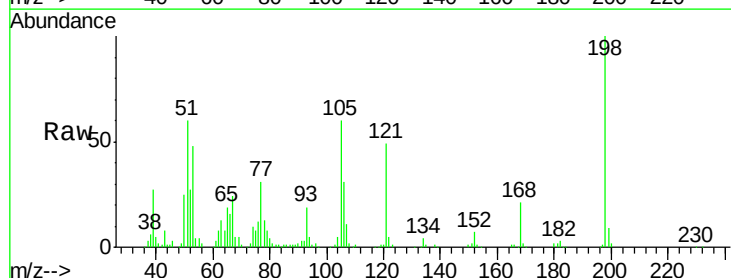
RT: 10.29 min Scan# 735

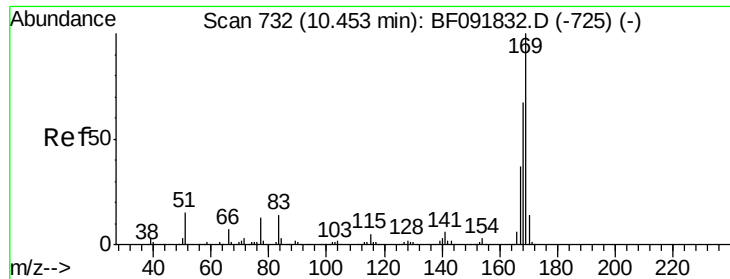
Delta R.T. -0.00 min

Lab File: BF092115.D

Acq: 6 Jan 2017 14:24

Tgt Ion:198	Resp: 158361
Ion Ratio	Lower Upper
198 100	
51 60.1	6.7 46.7#
105 59.9	16.6 56.6#





#65

n-Nitrosodiphenylamine

Concen: 44.27 ng

RT: 10.34 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF092115.D

Acq: 6 Jan 2017 14:24

Instrument :

BNA_F

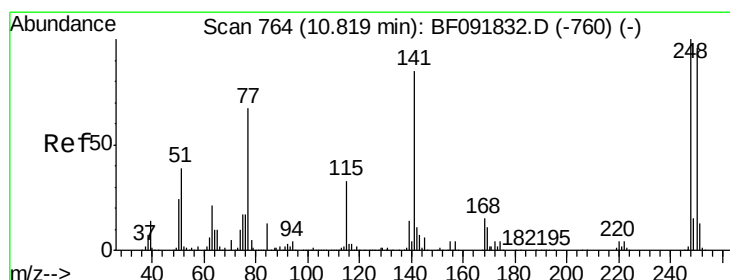
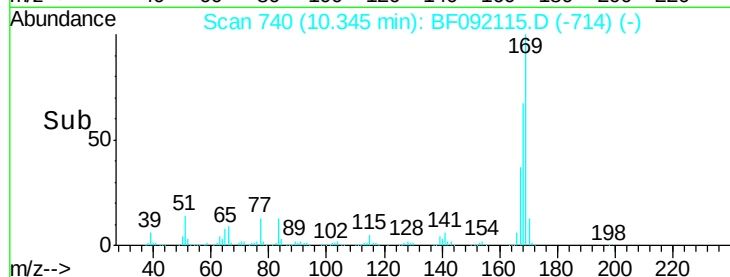
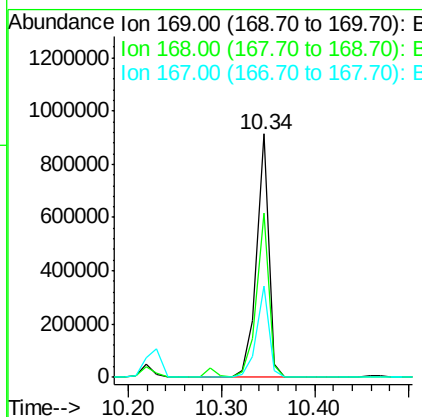
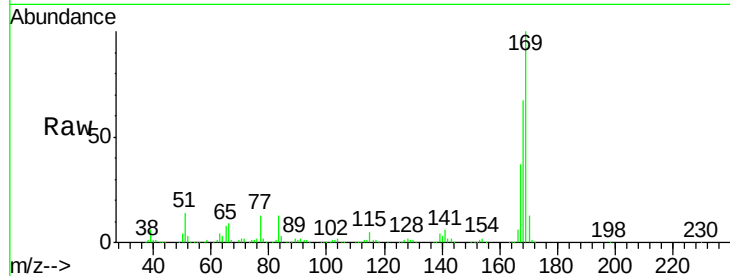
ClientSampleId :

PB95798BS

Tot Ion:	169	Resp:	830621
Ion Ratio	Lower	Upper	
169	100		
168	67.4	54.2	81.2
167	37.3	30.2	45.4

Manual Integrations
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#66

4-Bromophenyl-phenylether

Concen: 44.75 ng

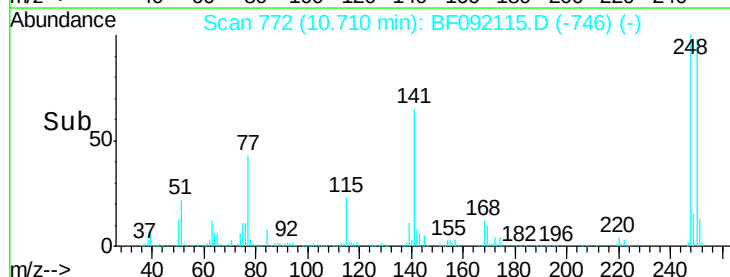
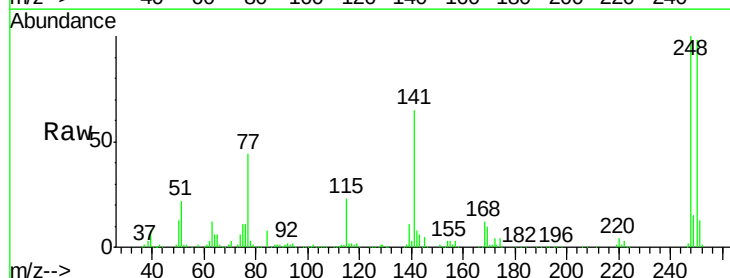
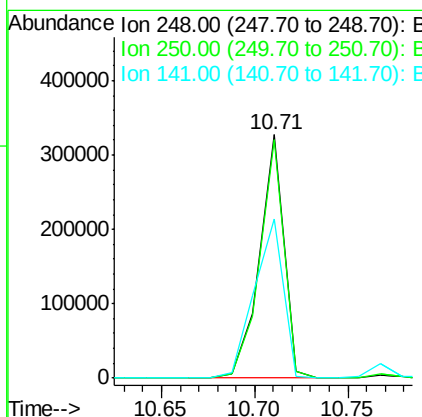
RT: 10.71 min Scan# 772

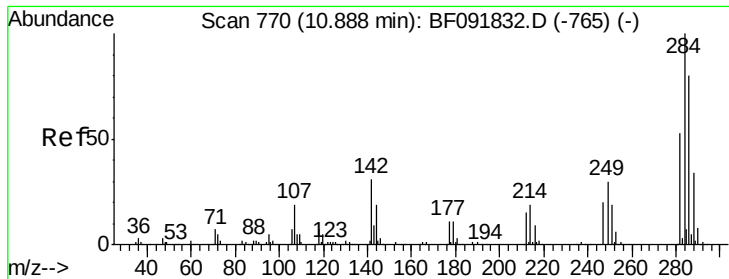
Delta R.T. -0.00 min

Lab File: BF092115.D

Acq: 6 Jan 2017 14:24

Tgt Ion:	248	Resp:	294359
Ion Ratio	Lower	Upper	
248	100		
250	98.1	76.9	115.3
141	65.4	68.2	102.4#





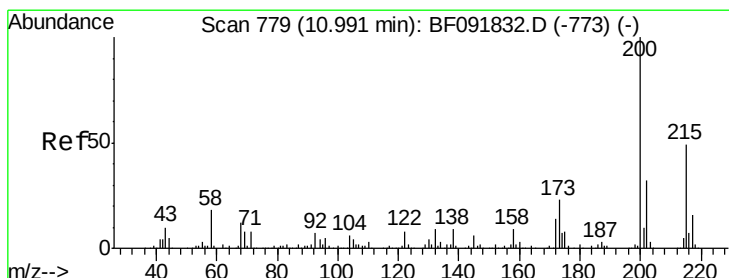
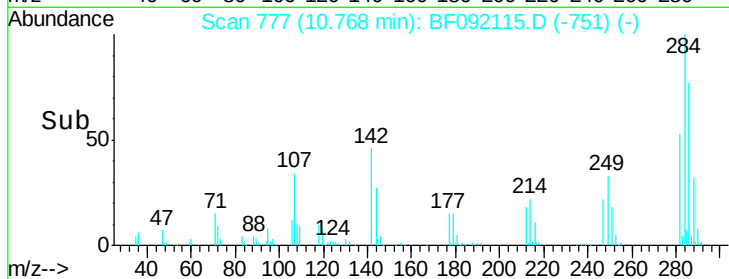
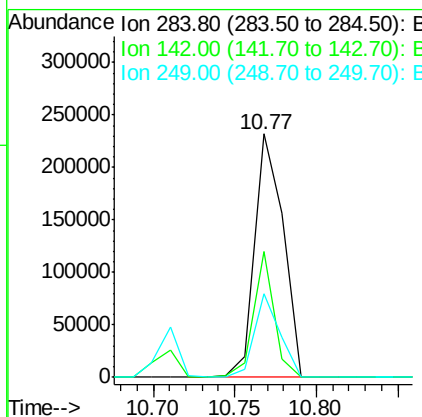
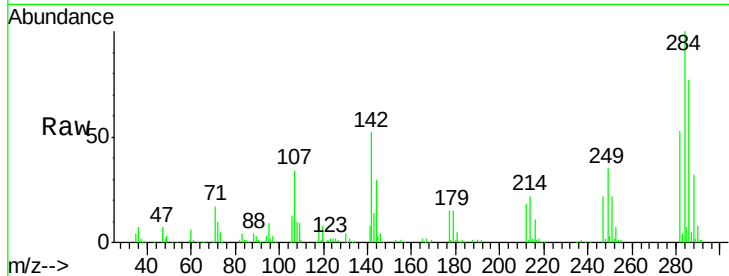
#67
Hexachlorobenzene
Concen: 40.06 ng
RT: 10.77 min Scan# 777
Delta R.T. -0.00 min
Lab File: BF092115.D
Acq: 6 Jan 2017 14:24

Instrument :
BNA_F
ClientSampleId :
PB95798BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	281655		
142	51.5	22.6	33.8#	
249	34.5	25.4	38.0	

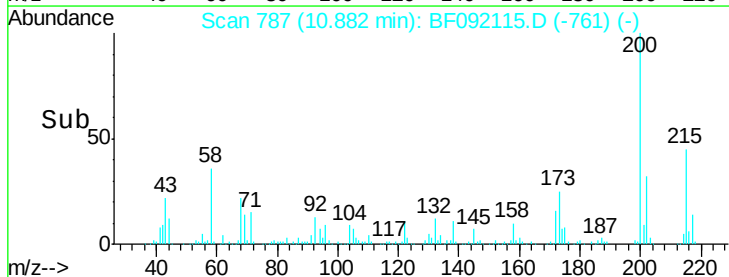
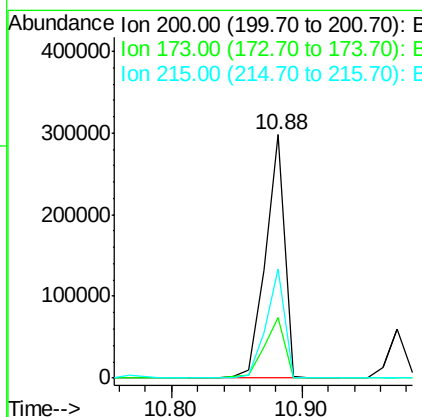
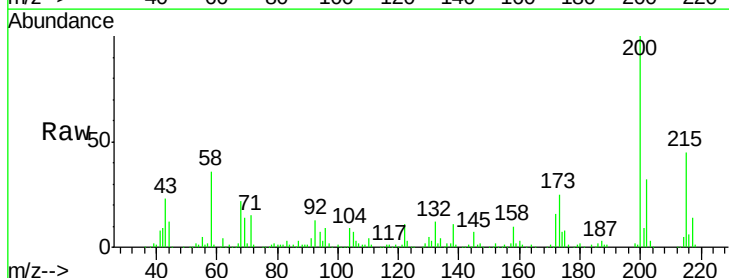
Manual Integrations
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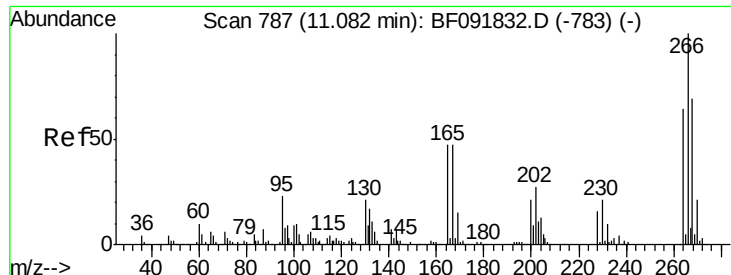
Sohil
1/9/2017 10:47:36 AM



#68
Atrazine
Concen: 50.46 ng
RT: 10.88 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF092115.D
Acq: 6 Jan 2017 14:24

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	305381		
173	25.1	9.6	49.6	
215	44.6	25.7	65.7	





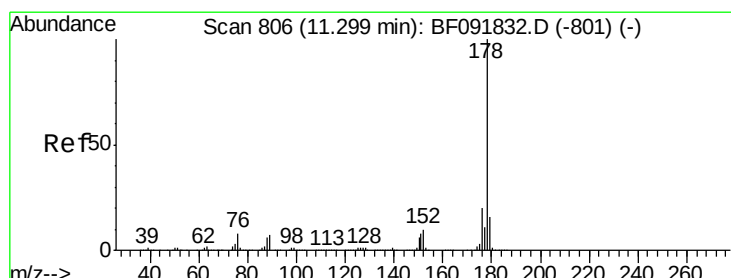
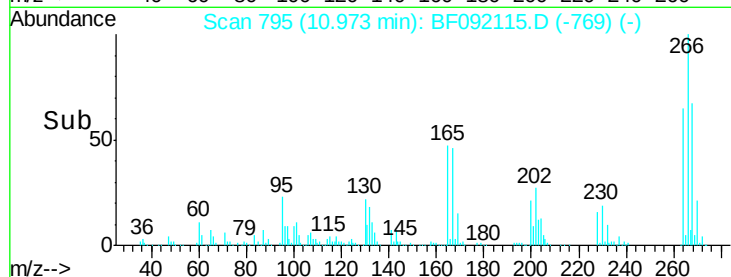
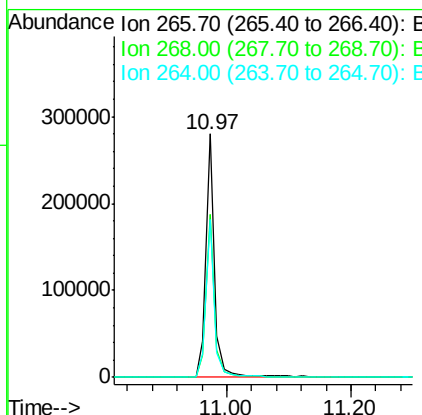
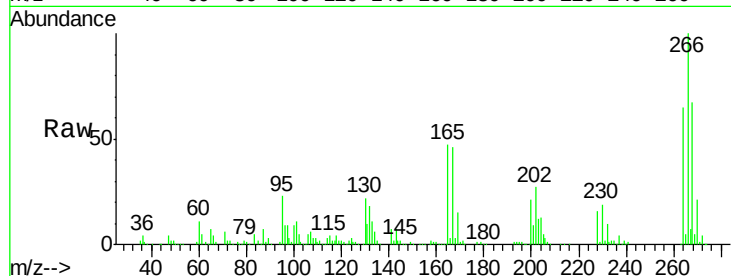
#69
 Pentachlorophenol
 Concen: 80.93 ng
 RT: 10.97 min Scan# 795
 Delta R.T. -0.00 min
 Lab File: BF092115.D
 Acq: 6 Jan 2017 14:24

Instrument :
 BNA_F
 ClientSampleId :
 PB95798BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	66.8	53.3	79.9
264	65.0	50.3	75.5

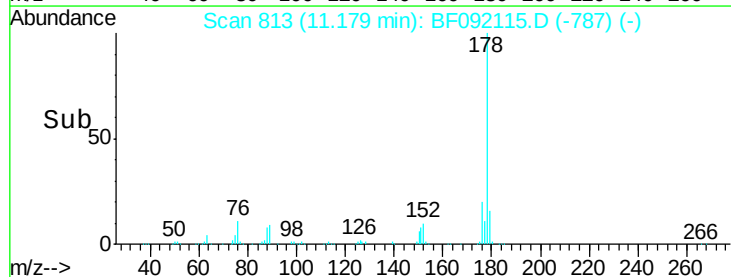
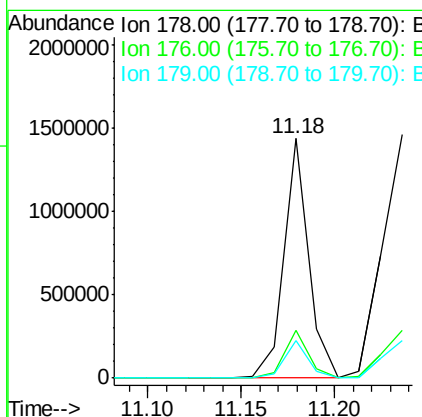
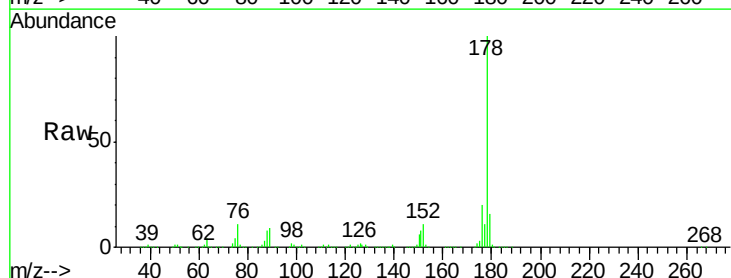
Manual Integrations
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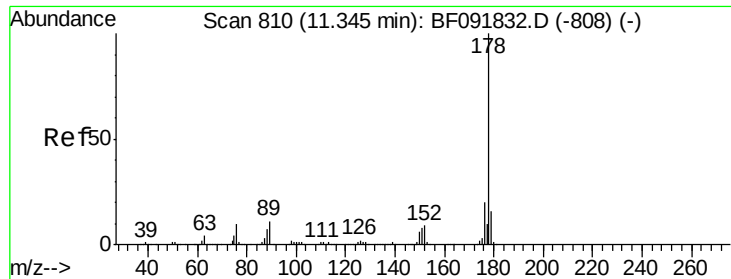
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#70
 Phenanthrene
 Concen: 38.81 ng
 RT: 11.18 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BF092115.D
 Acq: 6 Jan 2017 14:24

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.6	25.0
179	15.8	12.8	19.2





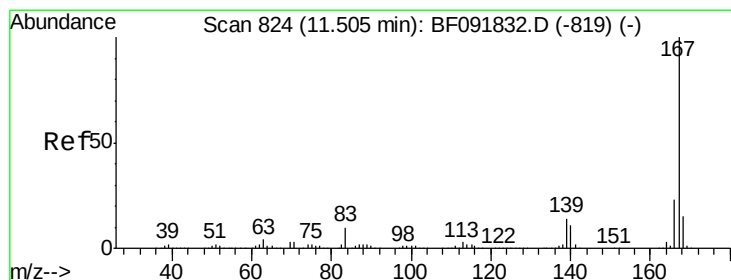
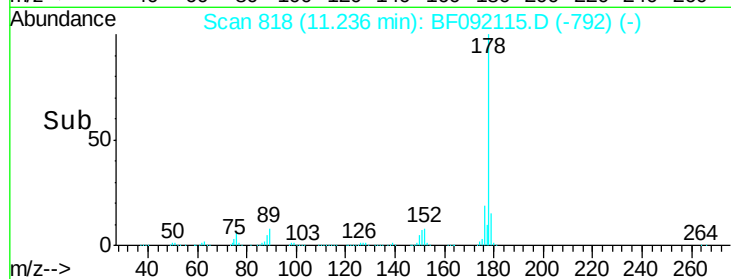
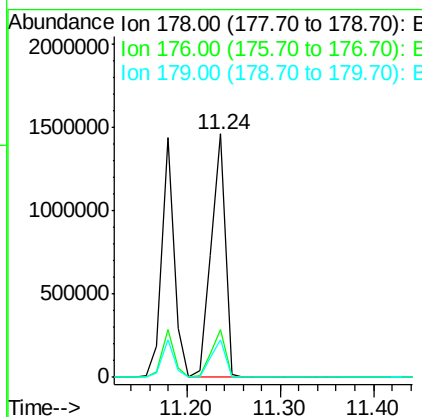
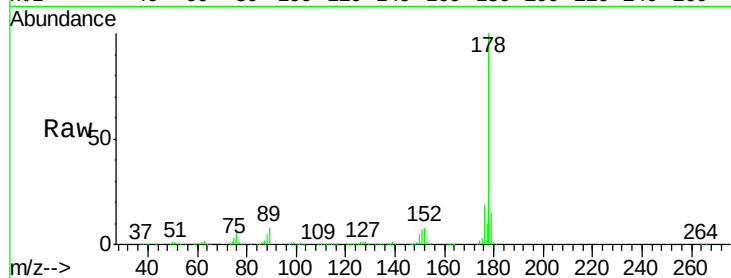
#71
 Anthracene
 Concen: 55.21 ng
 RT: 11.24 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BF092115.D
 Acq: 6 Jan 2017 14:24

Instrument :
 BNA_F
 ClientSampleId :
 PB95798BS

Tot Ion:178 Resp: 1548771
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.9 23.9
 179 15.5 13.2 19.8

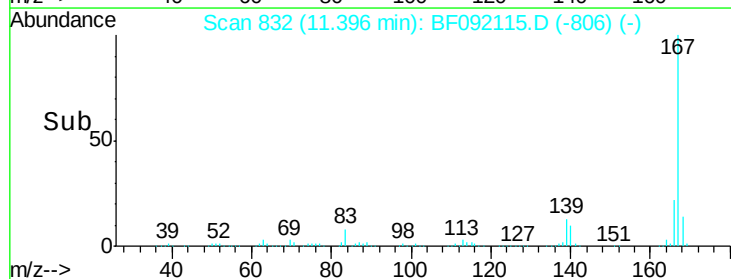
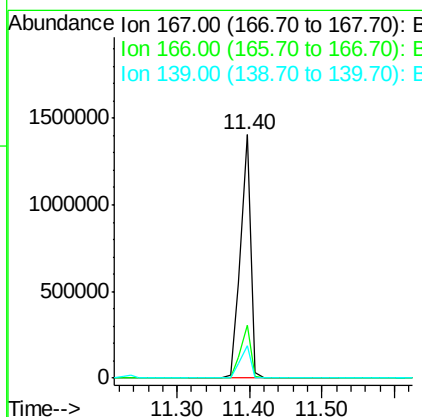
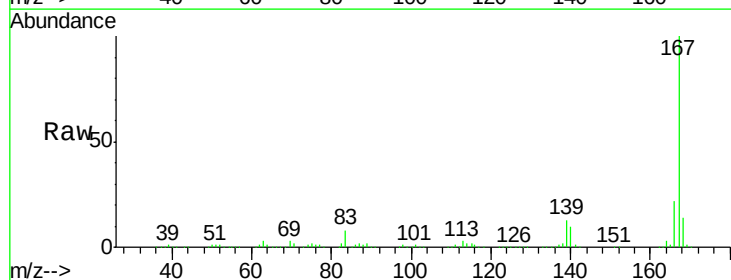
Manual Integrations
 APPROVED

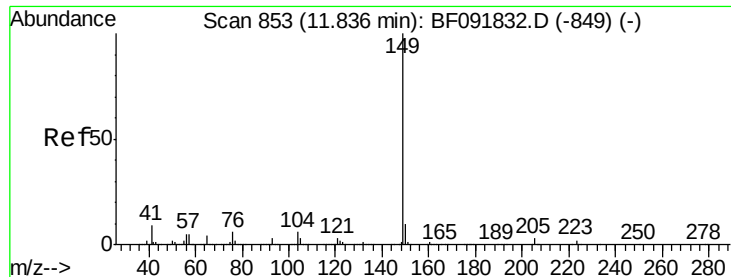
Sohil
 1/9/2017 10:47:36 AM



#72
 Carbazole
 Concen: 53.37 ng
 RT: 11.40 min Scan# 832
 Delta R.T. -0.00 min
 Lab File: BF092115.D
 Acq: 6 Jan 2017 14:24

Tgt Ion:167 Resp: 1381813
 Ion Ratio Lower Upper
 167 100
 166 21.7 18.2 27.2
 139 13.4 11.4 17.2





#73

Di-n-butylphthalate

Concen: 47.08 ng

RT: 11.73 min Scan# 861

Delta R.T. -0.00 min

Lab File: BF092115.D

Acq: 6 Jan 2017 14:24

Instrument :

BNA_F

ClientSampleId :

PB95798BS

Tot Ion:149 Resp: 1523472

Ion Ratio Lower Upper

149 100

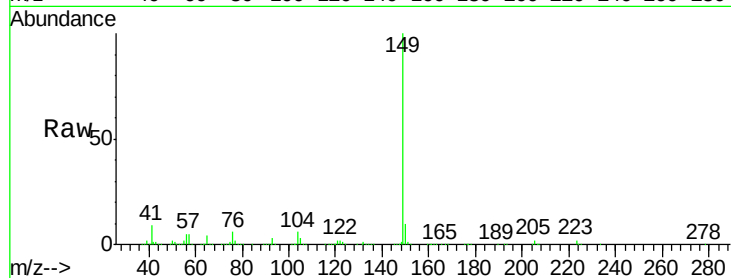
150 9.9 8.1 12.1

104 5.6 4.6 7.0

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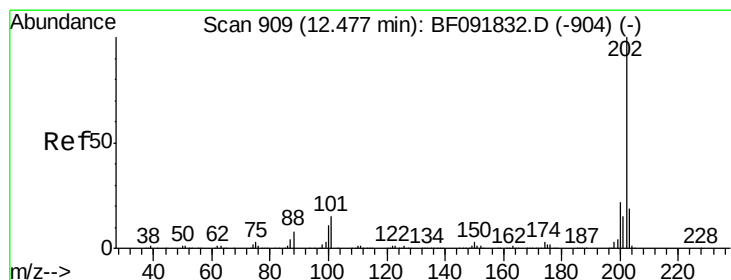
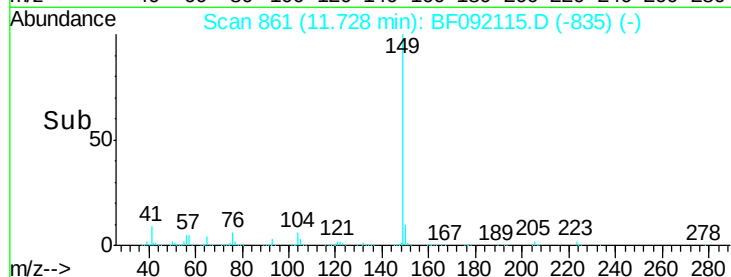
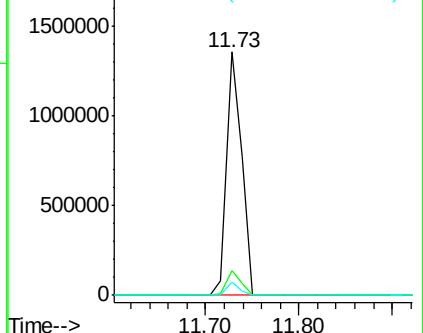
1/9/2017 10:47:36 AM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 50.02 ng

RT: 12.37 min Scan# 917

Delta R.T. -0.00 min

Lab File: BF092115.D

Acq: 6 Jan 2017 14:24

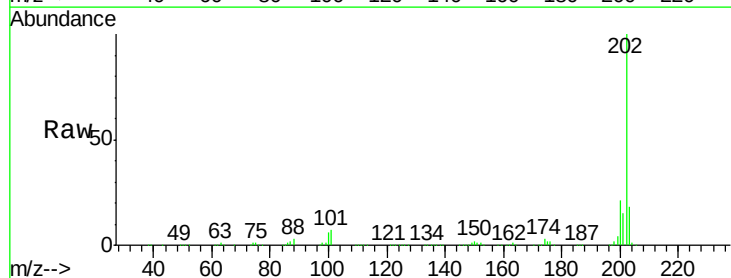
Tgt Ion:202 Resp: 1491899

Ion Ratio Lower Upper

202 100

101 7.1 0.0 34.6

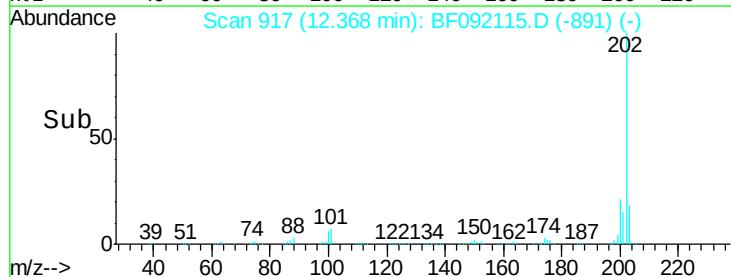
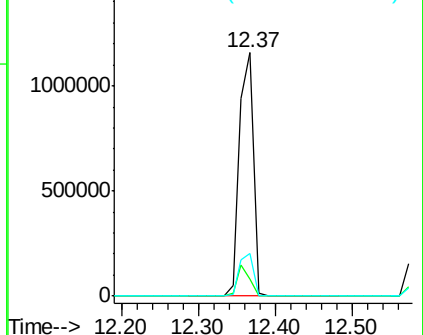
203 17.6 0.0 38.7

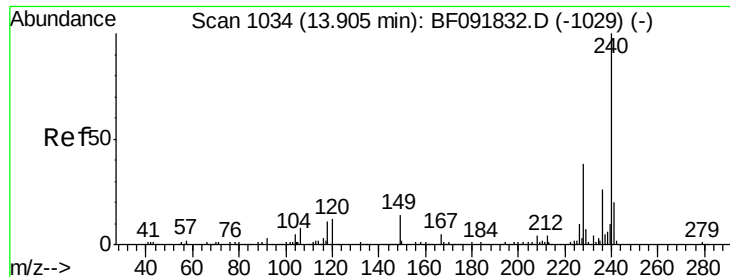


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.78 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BF092115.D

Acq: 6 Jan 2017 14:24

Instrument :

BNA_F

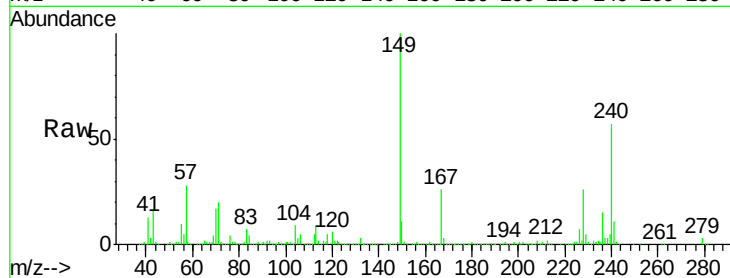
ClientSampled :

PB95798BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.2	12.9	19.3#
236	26.2	20.9	31.3

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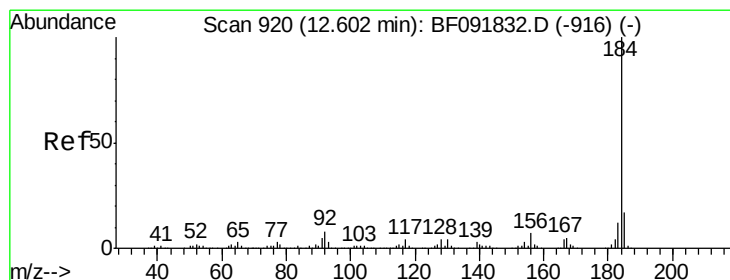
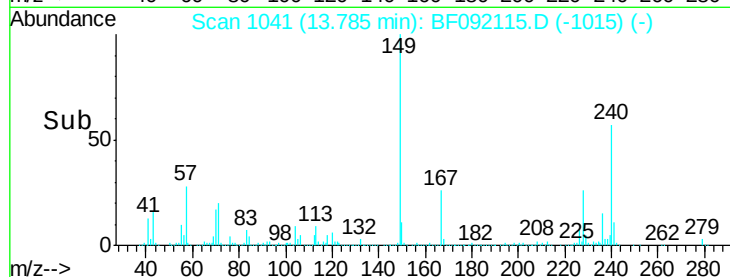
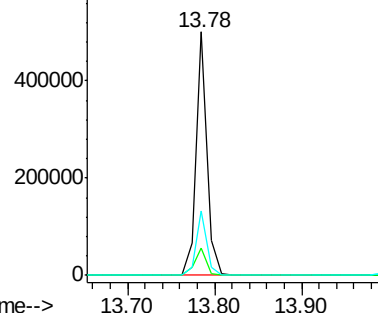
Sohil
1/9/2017 10:47:36 AM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 37.83 ng

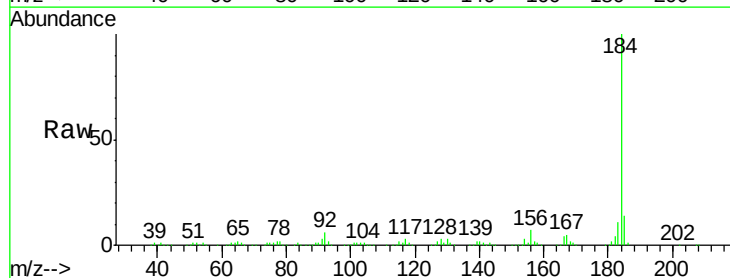
RT: 12.49 min Scan# 928

Delta R.T. -0.00 min

Lab File: BF092115.D

Acq: 6 Jan 2017 14:24

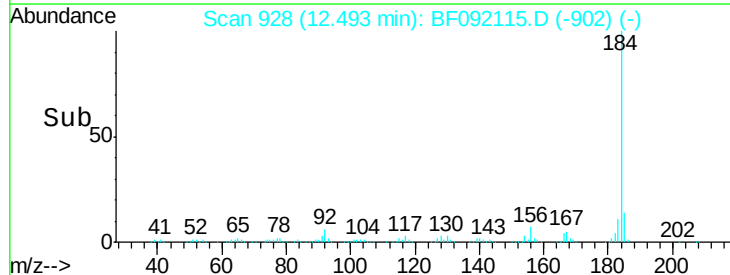
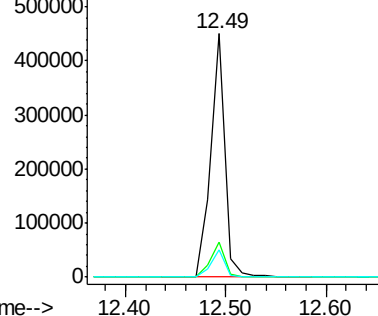
Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.2	13.4	20.0
183	11.2	9.2	13.8

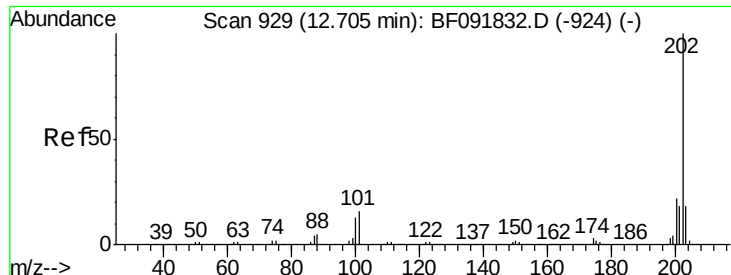


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





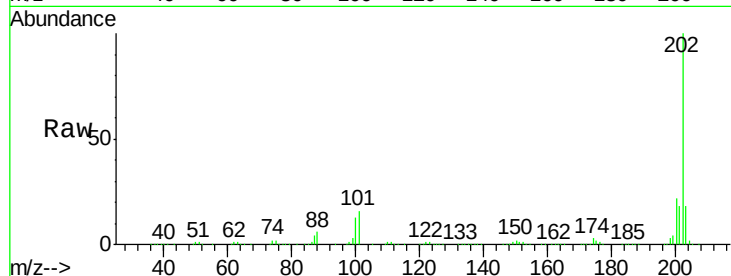
#77
Pvrene
Concen: 41.59 ng
RT: 12.58 min Scan# 936
Delta R.T. -0.00 min
Lab File: BF092115.D
Acq: 6 Jan 2017 14:24

Instrument :
BNA_F
ClientSampleId :
PB95798BS

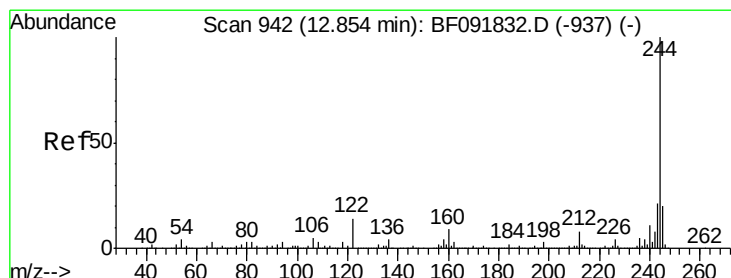
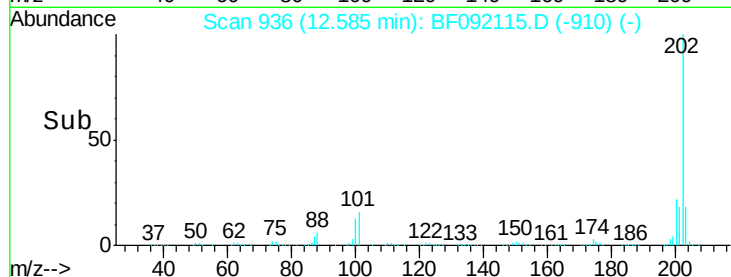
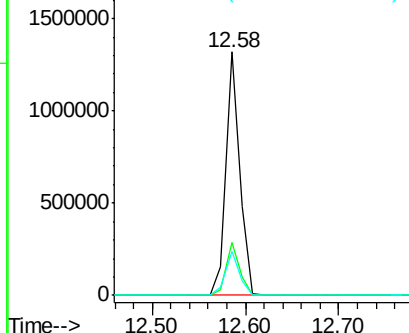
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.7	26.5
203	18.1	14.7	22.1

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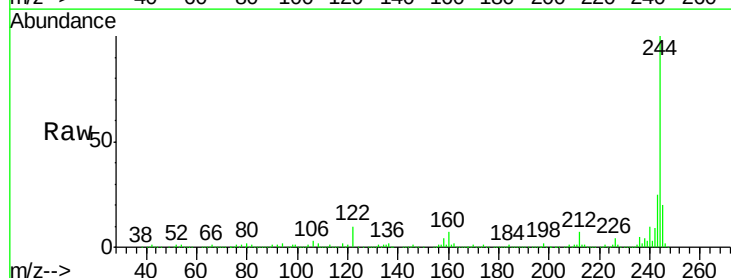


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

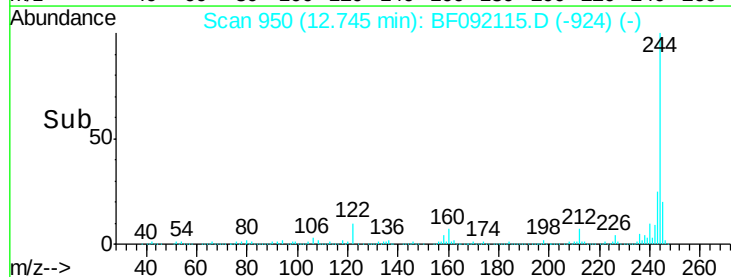
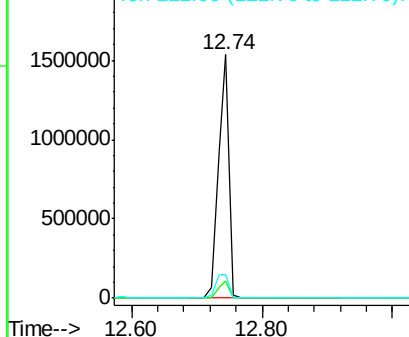


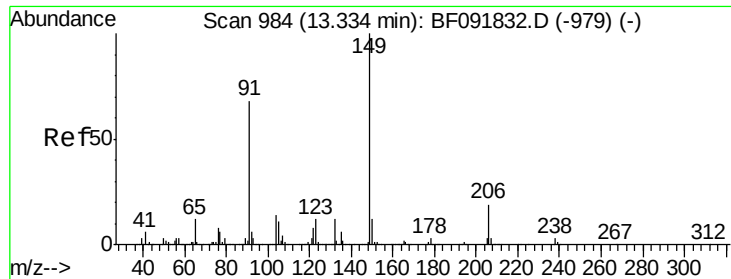
#78
Terphenyl-d14
Concen: 96.06 ng
RT: 12.74 min Scan# 950
Delta R.T. -0.00 min
Lab File: BF092115.D
Acq: 6 Jan 2017 14:24

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.2	9.2
122	9.6	11.4	17.2



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





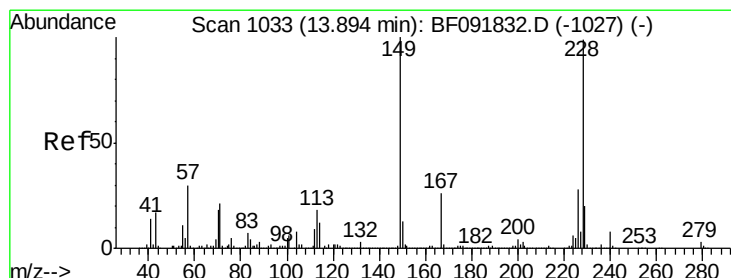
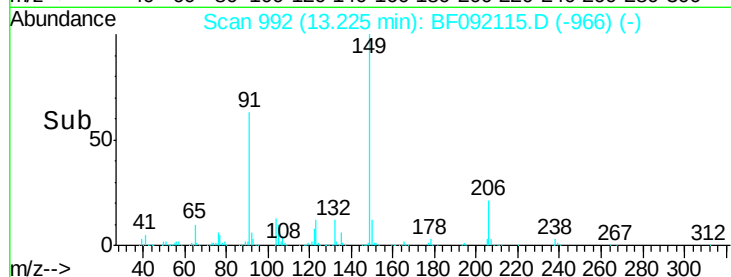
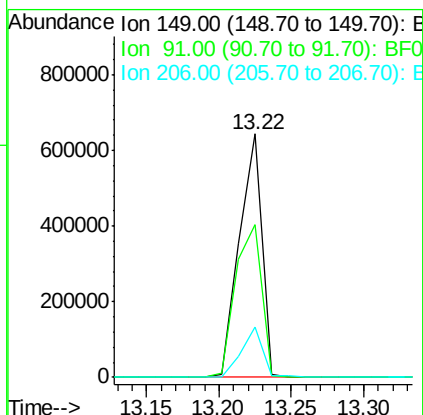
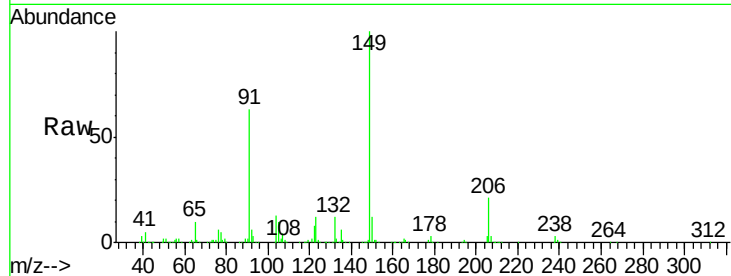
#79
Butylbenzylphthalate
Concen: 47.06 ng
RT: 13.22 min Scan# 992
Delta R.T. -0.00 min
Lab File: BF092115.D
Acq: 6 Jan 2017 14:24

Instrument :
BNA_F
ClientSampleId :
PB95798BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	62.9	63.9	95.9#
206	20.6	14.6	21.8

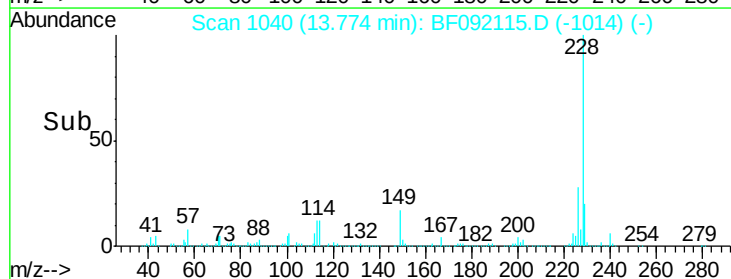
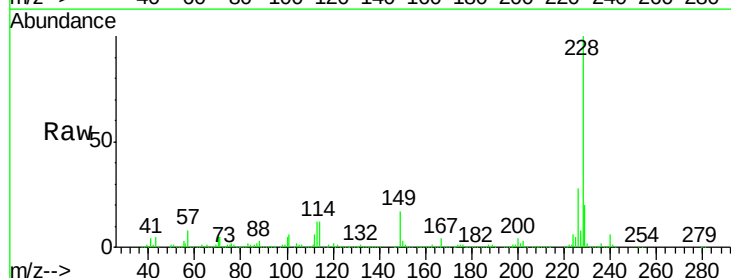
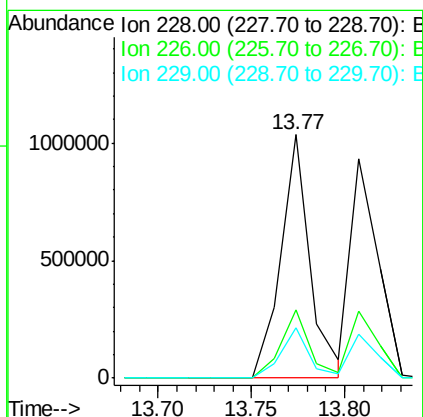
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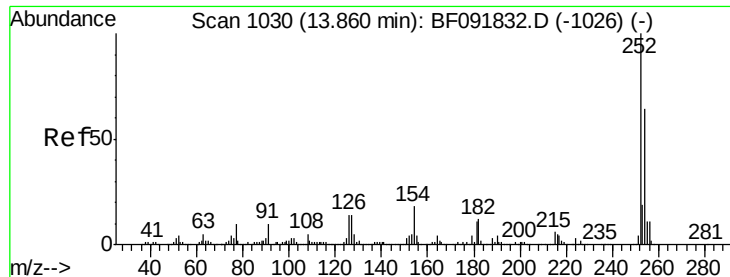
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#80
Benzo(a)anthracene
Concen: 45.00 ng
RT: 13.77 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BF092115.D
Acq: 6 Jan 2017 14:24

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.4	33.6
229	20.4	16.2	24.4





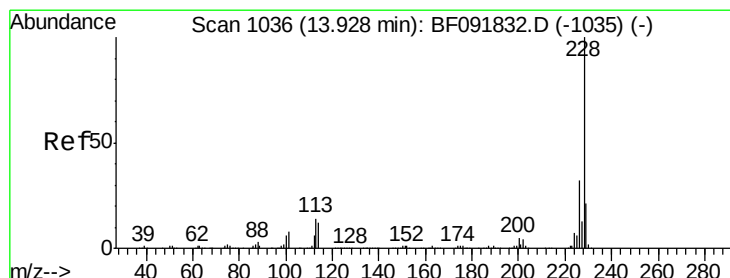
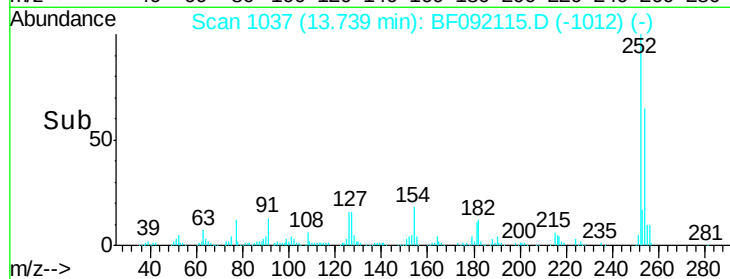
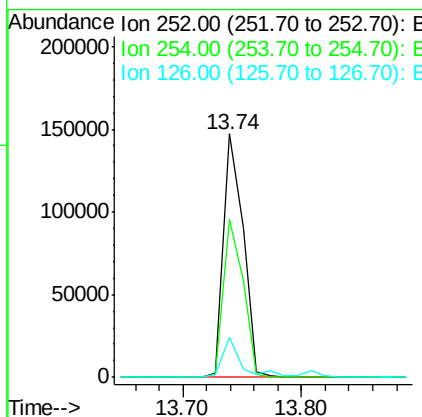
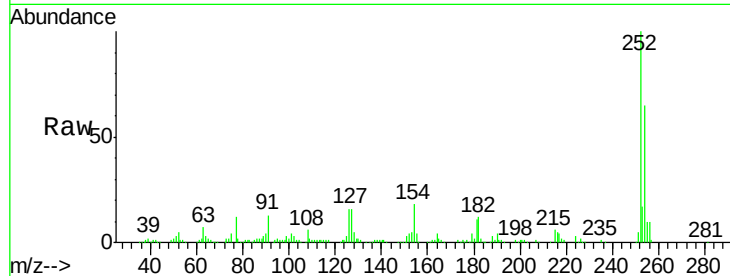
#81
 3,3'-Dichlorobenzidine
 Concen: 17.67 ng
 RT: 13.74 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BF092115.D
 Acq: 6 Jan 2017 14:24

Instrument :
 BNA_F
 ClientSampleId :
 PB95798BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	168000		
254	64.7	52.3	78.5	
126	16.2	13.6	20.4	

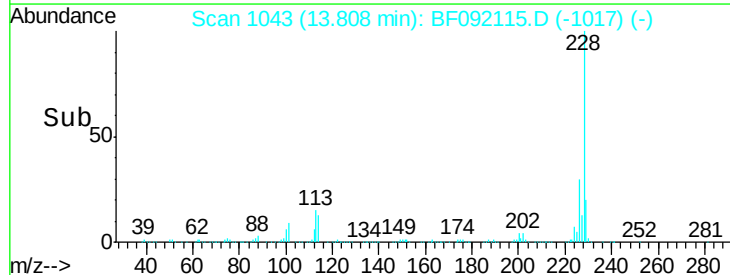
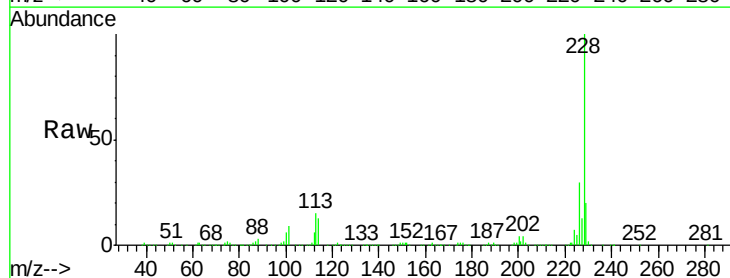
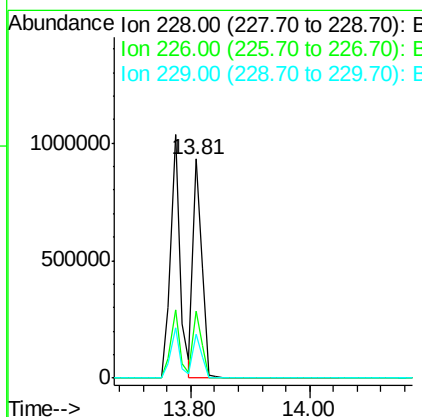
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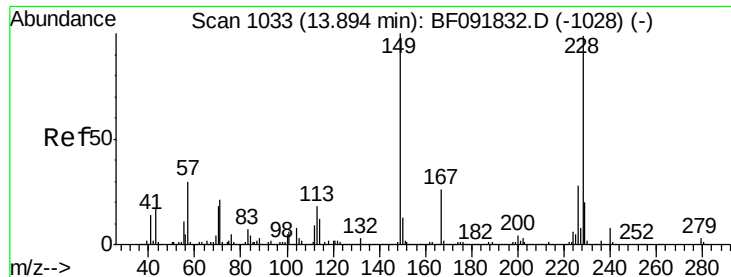
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#82
 Chrysene
 Concen: 39.03 ng
 RT: 13.81 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BF092115.D
 Acq: 6 Jan 2017 14:24

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	981826		
226	30.4	25.4	38.0	
229	20.3	16.2	24.2	





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.79 ng

RT: 13.78 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BF092115.D

Acq: 6 Jan 2017 14:24

Instrument :

BNA_F

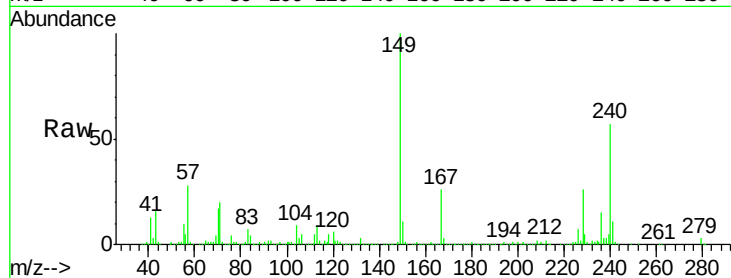
ClientSampleId :

PB95798BS

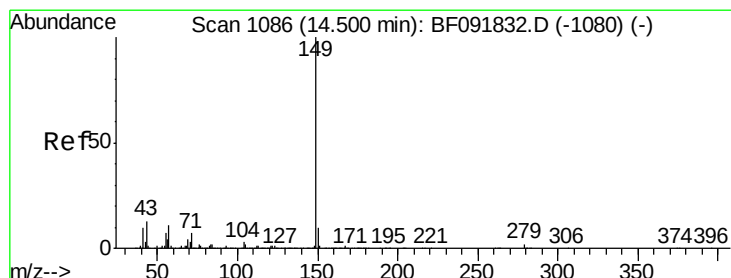
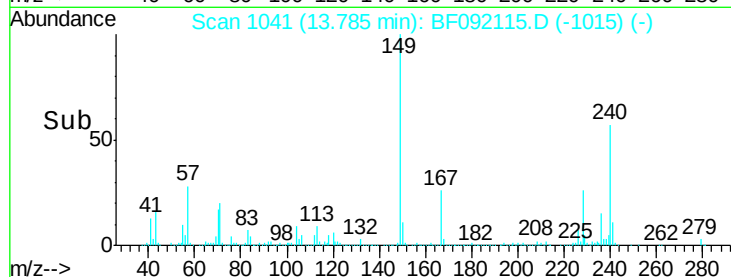
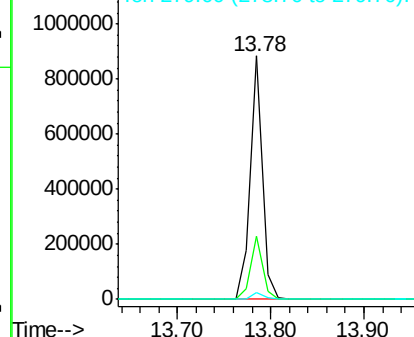
Tot Ion:	149	Resp:	799359
Ion Ratio	Lower	Upper	
149	100		
167	25.8	20.2	30.4
279	2.8	1.8	2.8#

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 40.59 ng

RT: 14.39 min Scan# 1094

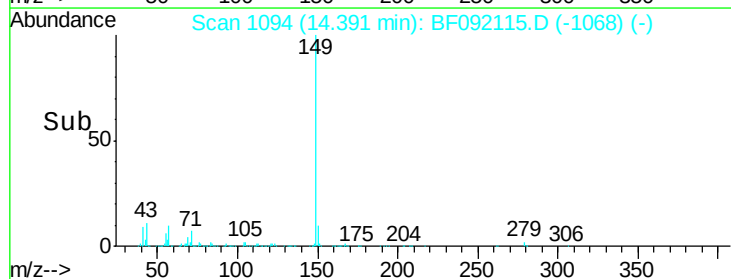
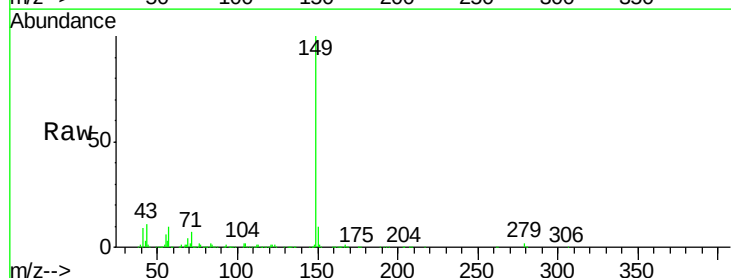
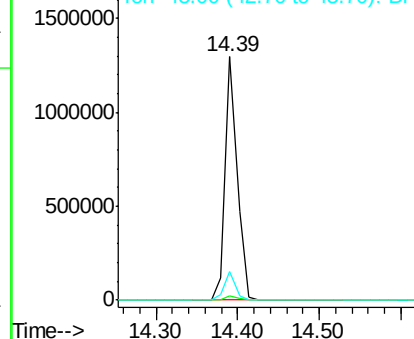
Delta R.T. -0.00 min

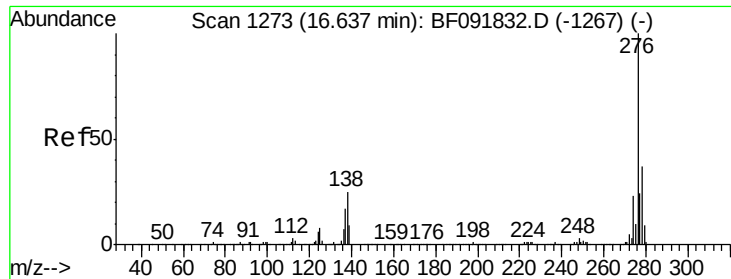
Lab File: BF092115.D

Acq: 6 Jan 2017 14:24

Tgt Ion:	149	Resp:	1312593
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	10.4	8.9	13.3

Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0





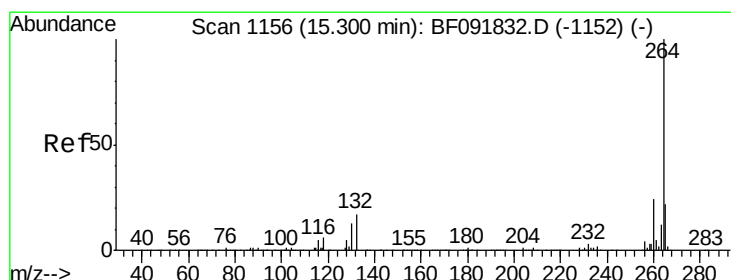
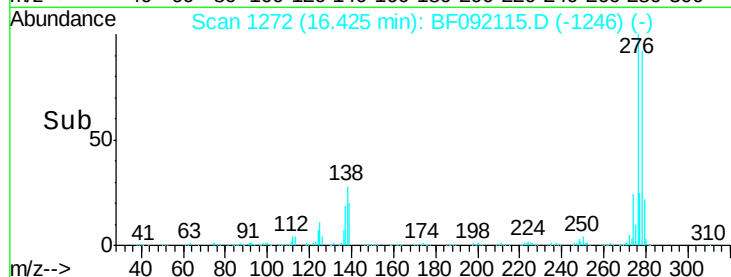
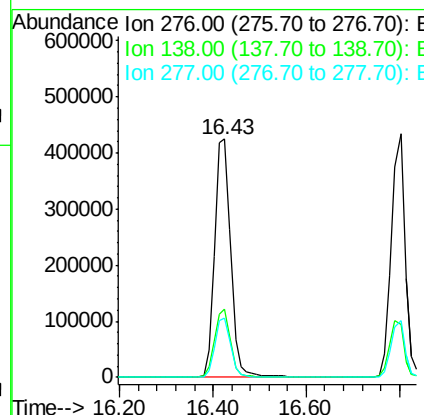
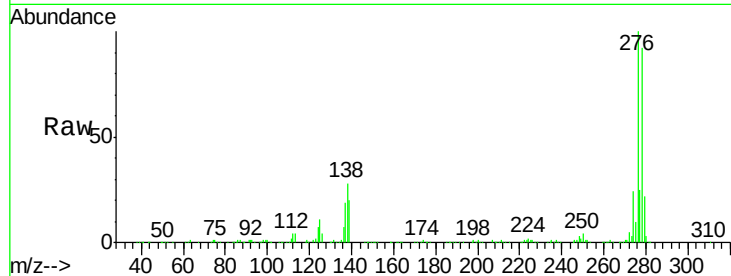
#85
Indeno(1,2,3-cd)pyrene
Concen: 47.39 ng
RT: 16.43 min Scan# 1272
Delta R.T. -0.00 min
Lab File: BF092115.D
Acq: 6 Jan 2017 14:24

Instrument :
BNA_F
ClientSampleId :
PB95798BS

Tot Ion:276 Resp: 1032720
Ion Ratio Lower Upper
276 100
138 28.4 21.8 32.6
277 24.6 20.2 30.4

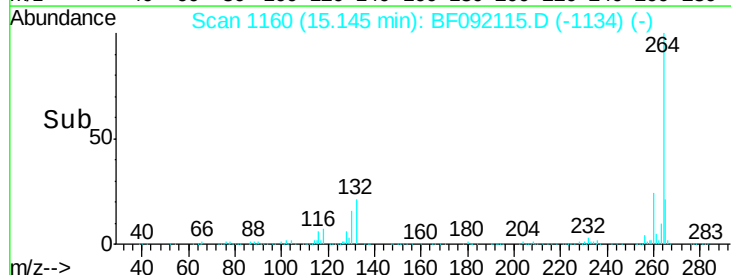
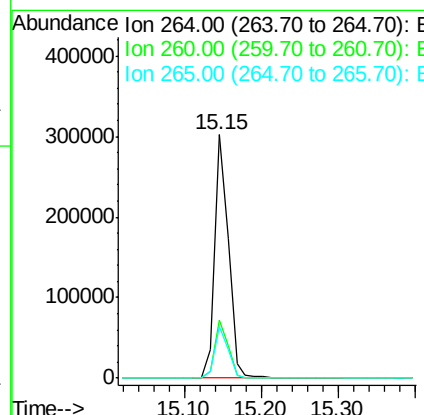
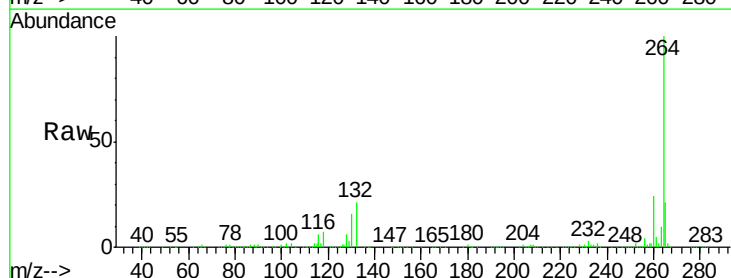
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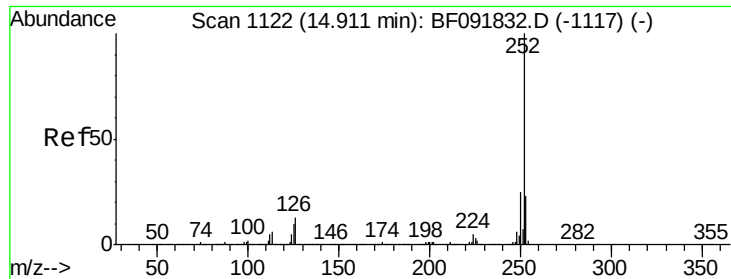
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.15 min Scan# 1160
Delta R.T. -0.00 min
Lab File: BF092115.D
Acq: 6 Jan 2017 14:24

Tgt Ion:264 Resp: 371610
Ion Ratio Lower Upper
264 100
260 23.9 19.2 28.8
265 21.5 17.4 26.0





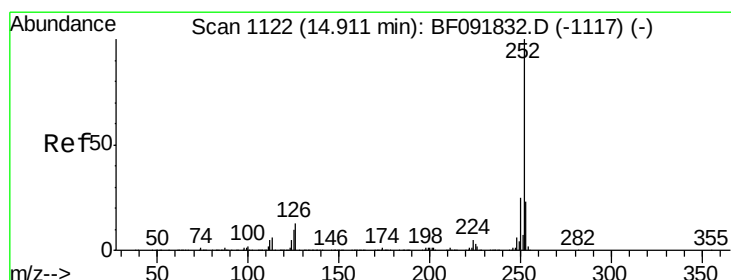
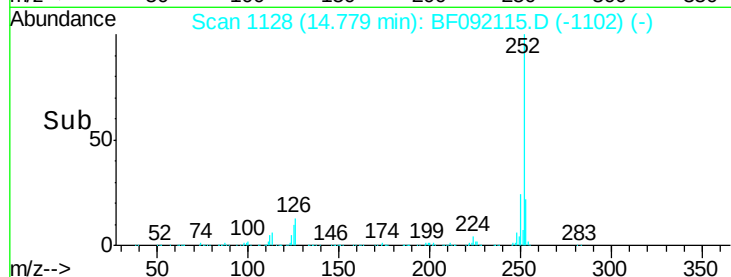
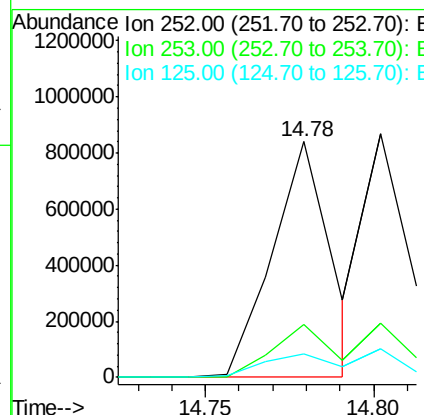
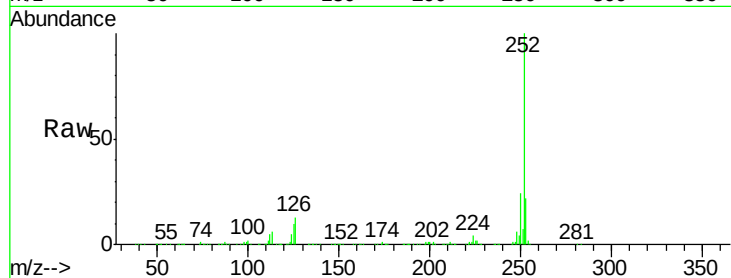
#87
Benzo(b)fluoranthene
Concen: 43.94 ng m
RT: 14.78 min Scan# 1128
Delta R.T. -0.00 min
Lab File: BF092115.D
Acq: 6 Jan 2017 14:24

Instrument :
BNA_F
ClientSampled :
PB95798BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.4
125	9.8	9.8	14.6

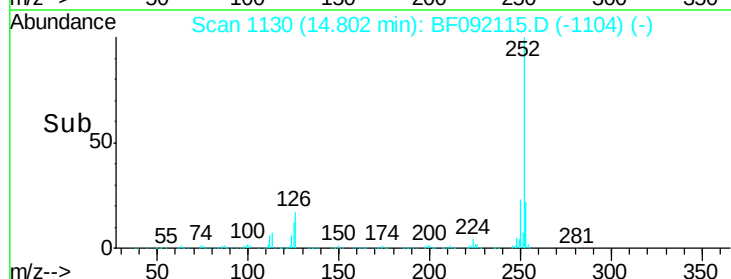
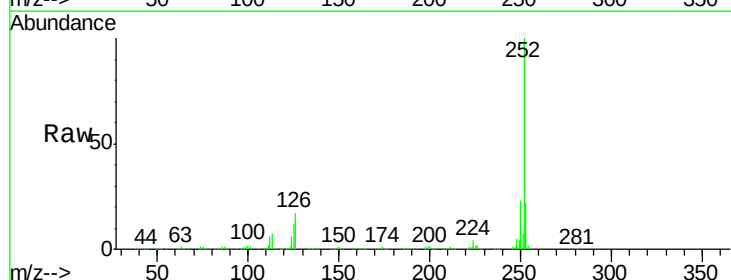
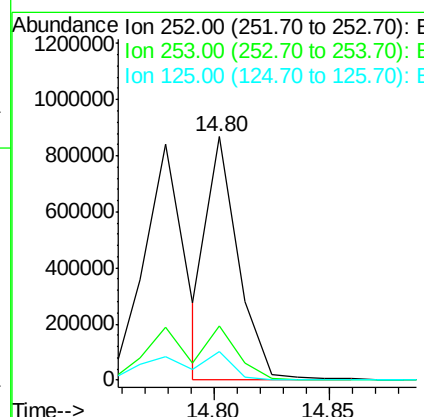
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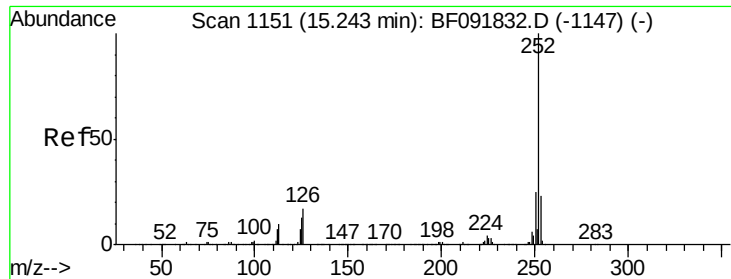
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#88
Benzo(k)fluoranthene
Concen: 41.36 ng m
RT: 14.80 min Scan# 1130
Delta R.T. -0.00 min
Lab File: BF092115.D
Acq: 6 Jan 2017 14:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.5	27.7
125	11.9	8.9	13.3





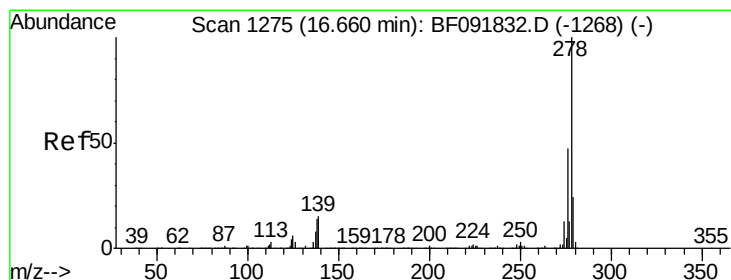
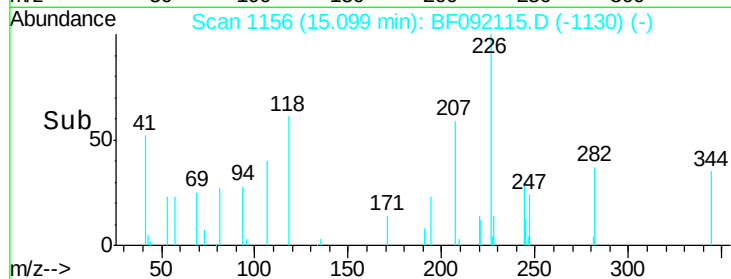
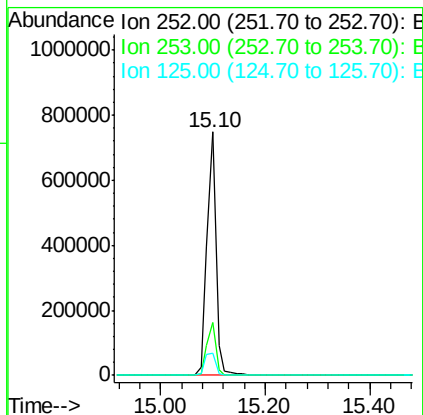
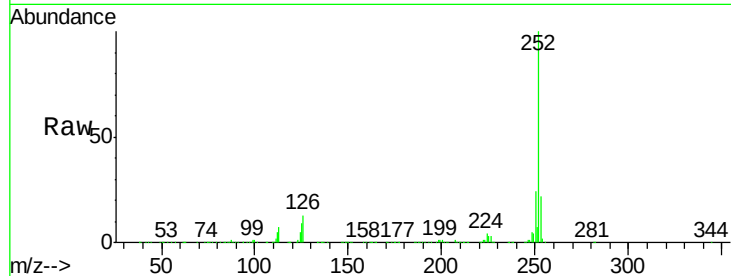
#89
Benzo(a)pyrene
Concen: 43.43 ng
RT: 15.10 min Scan# 1156
Delta R.T. -0.00 min
Lab File: BF092115.D
Acq: 6 Jan 2017 14:24

Instrument :
BNA_F
ClientSampled :
PB95798BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.2
125	9.1	10.0	15.0

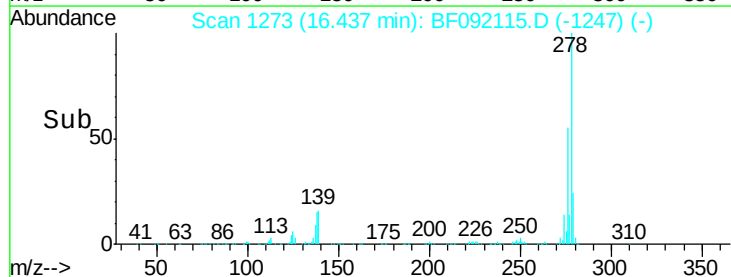
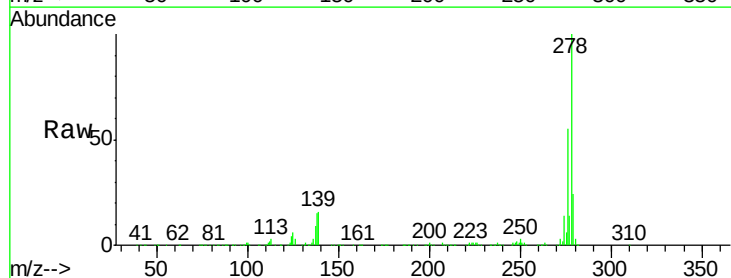
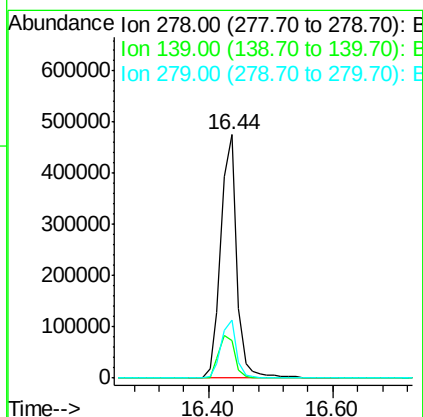
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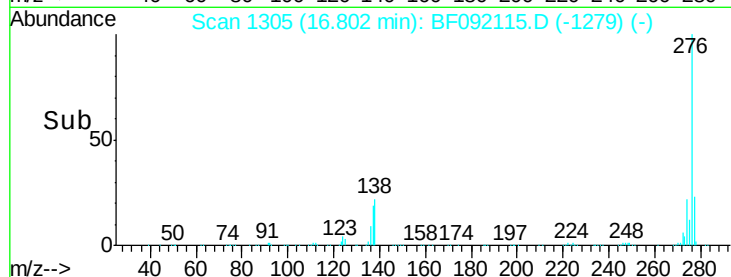
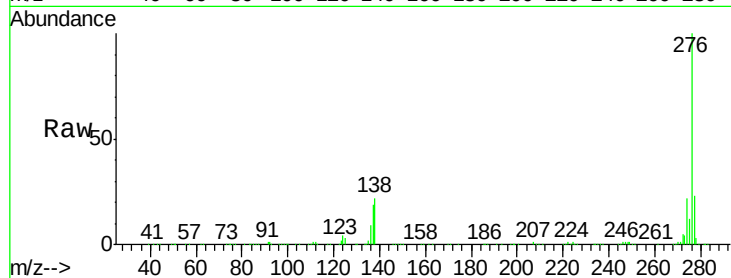
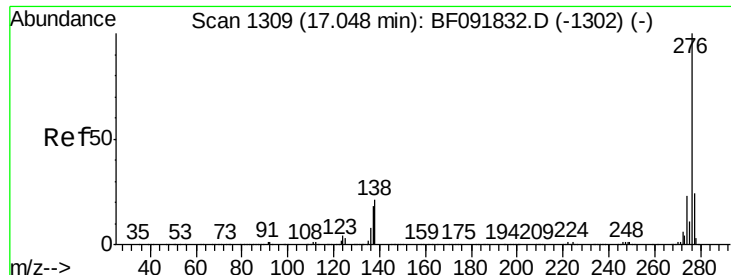
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#90
Dibenzo(a,h)anthracene
Concen: 50.00 ng
RT: 16.44 min Scan# 1273
Delta R.T. -0.00 min
Lab File: BF092115.D
Acq: 6 Jan 2017 14:24

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.6	14.8	22.2
279	23.9	19.8	29.6





#91
 Benzo(a,h,i)perylene
 Concen: 50.34 ng
 RT: 16.80 min Scan# 1305
 Delta R.T. -0.00 min
 Lab File: BF092115.D
 Acq: 6 Jan 2017 14:24

Instrument :
 BNA_F
 ClientSampleId :
 PB95798BS

Tot Ion	Ratio	Resp	Lower	Upper
276	100	883413		
277	23.4		19.2	28.8
138	21.8		16.0	24.0

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